Bismuth chloride, 5-lb. bots...lb. 3.00 - —
jars ..... lb. 2.85 - —
Citrate, USP, VIII, 5-lb. bots.. lb. 2.86 - —
jars ..... lb. 2.75 - —
Hydroxide, 5-lb. bots..... lb. 3.46 - —
cns. ..... lb. 3.35 - —
Metal, ton lots..... lb. 1.25 - —
Nitrate, cryst., 5-lb. bots..... lb. 1.45 - —
cns. ..... lb. 1.30 - —
Oxychloride, 5-lb. bots..... lb. 3.19 - —
cns., kgs. ..... lb. 3.10 - —
Subbenzoate, 5-lb. bots..... lb. 3.51 - —
fib. dms. ..... lb. 3.40 - —
Subcarbonate, bots., cns.... lb. 1.59 - 1.65
175-lb. bbls. ..... lb. 1.50 - —
X-ray, 5-lb. bots..... lb. 2.79 - —
fib. dms. ..... lb. 2.73 - —
Subgallate, bots., cns..... lb. 1.49 - 1.53
fib. dms. ..... lb. 1.40 - —
Subiodide, bots. ..... lb. 4.24 - —
fib. dms. ..... lb. 4.13 - —
Subnitrate, powd., bots., cns.. lb. 1.29 - 1.33
250-lb. bbls. ..... lb. 1.20 - —
Subsalicylate, 60-66%, bots... lb. 2.59 - —
bbls., fib. dms. ..... lb. 2.50 - —
Sulphocarbolate, 5-lb. bots... lb. 3.76 - —
fib. dms. ..... lb. 3.65 - —
Trioxide, powd., 5-lb. bots... lb. 3.76 - —
cns. ..... lb. 3.65 - —

Bismuth ammonia, citrate, USP, powd., 25-lb. dms...lb. 3.40 - —
5-lb. cns. ..... lb. 3.45 - 3.50

Black,[2] acetylene, imp., c.l., works, duty paid..lb. .14 - —
Bone, 1A, c.l. ..... lb. .17 - —
l.c.l. ..... lb. .17½- —
2, c.l. ..... lb. .13 - —
l.c.l. ..... lb. 13½- —
3, c.l. ..... lb. .12 - —
l.c.l. ..... lb. 12½- —
4, c.l. ..... lb. .11 - —
l.c.l. ..... lb. 11½- —
5, c.l. ..... lb. .08½- —
l.c.l. ..... lb. .09 - —
6, c.l. ..... lb. .08½- —
l.c.l. ..... lb. .09 - —
7, c.l. ..... lb. .11½- —
l.c.l. ..... lb. .12 - —
8, c.l. ..... lb. .12½- —
l.c.l. ..... lb. .13 - —

Bone black prices are for barrels or bags, freight allowed East. Pacific Coast prices are 1½c. per lb. higher, ex dock or ex whse.

Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants..lb. .03625- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .06 - —
divd. ..... lb. .06 - —
beads, compressed, bgs., c.l., f.o.b. plants..lb. .03550- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .07½- —
divd. ..... lb. .07½- —

Charcoal (see C).

Graphite (see G).

Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, dom., 1, ctns., c.l., works..lb. .07½- —
l.c.l., works..... lb. .09 - —
2, ctns., c.l., works..... lb. .10 - —
l.c.l., works..... lb. .11 - —
2A, ctns., c.l., works..... lb. .11 - —
l.c.l., works..... lb. .12 - —
3, ctns., c.l., works..... lb. .14½- —
l.c.l., works..... lb. .15½- —
4, ctns., c.l., works..... lb. .16½- —
l.c.l., works..... lb. .17½- —
5, ctns., c.l., works..... lb. .18½- —
l.c.l., works..... lb. .20 - —
6, ctns., c.l., works..... lb. .26½- —
l.c.l., works..... lb. .27½- —
7, ctns., c.l., works..... lb. .37½- —
l.c.l., works..... lb. .40 - —
Mineral, vine type, bbls., l.c.l., f.o.b. works..lb. .04¾- —
Vine, A, bbls., works or N. Y. lb. .04¼- .05
B, bbls., works or N. Y.... lb. .05¾- —
kegs, f.o.b. N. Y..... lb. .06 - —
dms., c.l., frt. alld..... lb. .09½ Nom.

Black dyes are listed under Dyes.

Black Haw root bark, bls..... lb. .39 - .40
Tree bark, bls. ..... lb. .20 - .21
Black Indian hemp root, bls..lb. .20 - .26
Blanc fixe, dry, by-product, bgs., c.l., works...ton.60.00 - —
l.c.l., works..... ton.67.50 - —
direct process, bgs., f.o.b. Huntington, W. Va...ton.70.00 - —
bbls. ..... ton.75.00 - —
l.c.l., same basis..... ton.75.00 - —
bbls., same basis.... ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis..... ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works...100 lbs. 2.50 - 3.10
l.c.l., works..... 100 lbs. 2.75 - 3.60
Blood, dried, dom., 16-16½% ammon., bgs., f.o.b. N. Y., unit-ton. 4.95 - —
high-grade, unground, 16-17% ammon., bulk, f.o.b. Chicago...unit-ton. 5.38 - —
import, bgs., c.i.f. ports, shipt...unit-ton. Nominal
soluble (see Albumen, blood).
Bloodroot, bls. ..... lb. .32 - .35
Blue,[2] alkali, toner, bbls., divd. N. of Tenn. and N. C. E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .85 - .90

Alkali blue toner prices are ½c. higher divd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, contracts..lb. .86 - —
Celestial, bbls. ..... lb. .10 - .12
Chinese, bbls., same basis, contracts..lb. .36 - —
Cobalt,[6] genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld. 3.30 - 3.75
Milori, bbls., same basis, contracts..lb. .36 - —
Molybdated, Victoria, same basis, contracts..lb. 3.15 - —
Peacock, same basis, contracts. lb. .52 - —
Potash, dms., bbls., same basis, contracts..lb. .42 - —
Prussian, bbls., same basis, contracts..lb. .36 - —
Tungstated, peacock, kgs....lb. 4.00 - —
Victoria, kgs. ..... lb. 3.30 - —
Methyl violet, kgs..... lb. 2.10 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equaid..lb. .23 - .27
jobbing grades, bbls., same basis..lb. .12 - .13
regular grades, bbls., same basis..lb. .17 - .27

Blue, ultramarine, divd. ex whse., is 1c. higher: Pac. Coast, ex whse., 2c. higher. 100-lb. bgs., 1c. above bbls.; 28-lb. boxes, 5c. above bbls.

Victoria ink toner, bbls., same basis alkali toner..lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —

Blue dyes are listed under Dyes.

Bluefag root, bls. ..... lb. .20 - .30
Blue mass, USP, cns., tubs....lb. 1.67 - 1.84
powd., bots., cns., dms.....lb. 1.70 - 1.84

Bluestone (see Copper sulphate).

Blue vitriol (see Copper sulphate).

Bone, raw, dom., industrial, f.o.b. Chicago...ton.57.50 -65.00
junk, same basis..... ton.31.00 - —
imported, South American campo and consumo...ton. No prices
meal, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Eastern works...ton.37.50 - —
same basis, Chicago.....ton.39.50 - —
steamed, domestic, feeding grade, 1% ammon., 60% phos., bags, f.o.b. Eastern works...ton.47.00 - —
same basis, Chicago.....ton.51.00 - —
fertilizer grade, 3% ammon., 50% phos., bags, f.o.b. Eastern works...ton.37.50 - —
same basis, Chicago.....ton.35.00 -36.00

Phosphate, precip. (see Calcium phosphate tribasic precip.).

Boneset beans, bls. ..... lb. .12 - .13
Borage flowers, bls. ..... lb. .40 - .95
Borax,[2] tech., 99½% gran., bulk, c.l., frt. alld...ton.41.50 - —
bgs., c.l., frt. alld.....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less than ton lots, ex whse...ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse.....ton.66.00 - —
less ton lots, ex whse.. ton.71.00 - —
powd., bgs., c.l., frt. alld.ton.50.00 - —
ton lots, ex whse.....ton.61.00 - —
less than ton lots, ex whse...ton.66.00 - —
bbls., c.l., frt. alld.....ton.60.00 - —
ton lots, ex whse.....ton.71.00 - —
less than ton lots, ex whse...ton.76.00 - —

USP $15 per ton higher.

Bordeaux mixture dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms...lb. .11½- —

Bordeaux mixture prices are works or whse basis, frt. alld. to dest., in lots of 96 lbs and over, no trucking or freight allowances for works or warehouse pickups.

Brazilwood extract (see Hypernic).

Brimstone (see Sulphur).

Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35

Bromoform, USP, 100-lb. lots, bots..lb. 1.50 - —
cbys. ..... lb. 1.42 - —
Bromstyrol ..... lb. 4.50 - 5.00

Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs...lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50

Broomtops, bls. ..... lb. .15 - .18

Brown,[2] iron oxide, pure, precip., cks., f.o.b. N.Y...lb. .12 - —
Metallic, iron oxide, bbls., wks. lb. .02½- —
paper bgs., c.l., works..... lb. .0235- —
Sap, crystals, dom., works....lb. .12 - —
powdered ..... lb. .13 - —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03¾- .05
Italian, Amer., replacement type, bbls., f.o.b. works..lb. .03¾- .10¼
raw, American bbls., f.o.b. works..lb. .04 - .10
Italian, Amer. replacement type, bbls., f.o.b. works, lb. .08 - .10
Umber, Amer., bbls., works..lb. .03¾- —
Italian type, Amer. replacement, bbls., works..lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa., N. Af...lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼- —
Kansas City..lb. .05¾- —
Minneapolis..lb. .0535- —
Pittsburgh..lb. .05 - —
ex car, Los Angeles..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, regular, bbls., l.c.l., works..lb. .09 - —
special ..... lb. .12 - —
Brucine, 100 oz., cns. ..... oz. .35 - —
Sulphate, 100 oz., cns. ..... oz. .30 - —
Bryonia root, bls. ..... lb. .35 - .40
Buchu leaves, bls. ..... lb. .30 - .32
Buckthorn bark, true, bls..... lb. .65 - .67
cut and sifted, bbls..... lb. .95 - .97
Berries, bgs. ..... lb. .85 - .90
Burdock root, bls. ..... lb. .37 - .39
Burgundy pitch, dom., dms.....lb. .06 - —
Butane,[1] industrial grade, tanks, f.o.b. Group 3...gal. .06 - .06½
Butternut bark, bls. ..... lb. .08 - .09
Butyl acetate,[1] norm., dms., c.l., frt. alld..lb. .1240- .1575
l.c.l., frt. alld..... lb. .1225- .1675
tanks, frt. alld..... lb. .1115- .1475
secondary, dms., c.l., frt. pd. E. of Miss. R...lb. .09¼- —
l.c.l., same terms..... lb. .10 - —
tanks, same terms..... lb. .08½- —
Alcohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .15¼- —
l.c.l., works..... lb. .16¼- —
tanks, works..... lb. .14¼- —
Carbinol, secondary, l.c.l., dms., works..lb. .60 - —
Chloride, normal dms., c.l., works..lb. .32 - —
l.c.l., works..... lb. .35 - —
Ether (see under Ether).
Lactate, dms. ..... lb. .26½- —
Laurate, dms., works..... lb. .42 - —
Myristate, dms., works..... lb. .41 - —
Oleate, ref'd, dms., works.... lb. .35 - —
tech., dms., works..... lb. .29 - —
Phenylacetate, dms..... lb. 2.00 - 2.25
Phthalate,[6] dms., frt. alld. E. of St. Louis..lb. .20¼- .21¼
Propionate, dms., dlvd..... lb. .16¼- .17
tanks ..... lb. .15¼- —
Stearate, dms..... lb. .31 - —
Butyric ether, bots..... gal. 6.50 - 6.95
cns., works..... lb. .65 - .70
dms., frt. alld. Met. N. Y...lb. .60 - —

C

Cadmium bromide, 25-lb. jars, 50 lbs. or more...lb. 1.65 - 1.66
single jars..... lb. 1.70 - —
5-lb. bots..... lb. 1.84 - 1.91
Iodide, 5-lb. bots..... lb. 4.28 - —
25-lb. cans..... lb. 4.00 - —
Lithopone (see Yellow).
Metal,[1,4] pat., shapes, cs., dlvd..lb. .95 - —
ingots or sticks..... lb. .90 - —
Red (see Red).
Selenide (see Red).
Sulphite (see Yellow).

Caffeine,[6] 10,000 lbs. or more, dms., containing 100 lbs.lb. 2.60 - —
dms., containing 25 lbs....lb. 2.68 - —
dms., containing 10 lbs....lb. 2.65 - —
2,000 lb. lots., dms., containing 100 lbs..lb. 2.65 - —
dms., containing 25 lbs....lb. 2.68 - —
cns., containing 10 lbs....lb. 2.70 - —
1,000 lb. lots., dms., containing 100 lbs..lb. 2.70 - —
dms., containing 25 lbs....lb. 2.73 - —
cns., containing 10 lbs....lb. 2.75 - —
100 lb. lots, dms., containing 100 lbs..lb. 2.80 - —
dms., containing 25 lbs....lb. 2.83 - —
cns., containing 10 lbs....lb. 2.85 - —
less than 100 lbs., cns., containing 10 lbs..lb. 3.15 - —
Citrated, bots. ..... lb. 2.30 - —
Hydrobromide, bots..... lb. 5.29 - 5.37
Calabar beans, bgs. ..... lb. .35 - .40
Calamus root, peeled, NF, cs., lb. No stocks
bleached, bls. ..... lb. No stocks
dom., natural, bls. ..... lb. .30 - .45
Calcium acetate, bgs., dlvd..... 100 lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l. ..... lb. .07 - .08
l.c.l. ..... lb. .07½- .08½

Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowances for paint or whse. pick-up.

Bromide, 100 lbs., works, frt. equald..lb. .63 - —
50 lbs., works..... lb. .67 - —
25 lbs., works..... lb. .70 - —
Carbide,[6] dms., c.l., dlvd..... 100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse.100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, paper bgs. 77-80%, c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd..ton.21.50 -25.50
5-ton lots..... ton.28.50 -41.00
liquor, basis 40%, tanks, wks., ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., dlvd..ton.18.00 -34.50
15 tons, dlvd..... ton.21.45 -25.45
5-ton lots..... ton.28.45 -40.95

Calcium chloride c.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags, and drums $3.50 per ton over paper bags.

CP, cryst., 100-lb. lots, bbls., jars..lb. .28 - —
smaller lots, bbls. jars bots..lb. .29 - .39
Gluconate, USP, gran., 150-lb. bbls..lb. .52 - —
dms. ..... lb. .57 - .59
cns. ..... lb. .70 - —
Powd., 2c. per lb. lower.
Glycerophosphate, fib. dms., 1,000-lb. lots..lb. 1.28 - —
100-lb. lots..... lb. 1.40 - —
cns., 25 lbs. ..... lb. 1.65 - —
Hypophosphite, cns. ..... lb. .62 - .65
Iodide, bulk, jars..... lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .27 - .28
Mandelate, dense, dms..... lb. 2.05 - 2.30
fluffy, dms. ..... lb. 2.05 - 2.30
Palmitate, bbls. ..... lb. .28 - .29
Pantothenate, dex., 100-gram bots., per gram. .50 - —
Phosphate, dibasic, precip., 35-40% P_2O_5, bgs., c.l.f. Atlantic ports, shipt. unit-ton. No prices
feeding grade, bgs., f.o.b. works...ton.75.00 - —
food grade, f.o.b. works, 10 bbls. or over..lb. .07 - .07¾
5 to 9 bbls., same basis, lb. .08 - .09
1 to 4 bbls., same basis, lb. .10 - —
medicinal, bbls. ..... lb. .11½- .12
dms. ..... lb. .12½- .18
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
5 tons and over, bgs., same basis..lb. .06 - —
less than 5 tons, same basis..lb. .06½- —
tribasic, bbls., c.l., works..lb. .0635- —
l.c.l. ..... lb. .0705- .0785
Resinate, precip., bbls., ton lots. lb. .15 - —
smaller lots..... lb. .16 - —
Stearate, precip., c.l. ..... lb. .25 - —
ton lots..... lb. .26 - —
less than ton lots..... lb. .27 - .28
Sulphate (see Gypsum).
Sulphide, 70% CaS, bgs., c.l., works...ton.46.00 - —
80% CaS, bgs., c.l., works.ton.51.00 - —
luminous, dom., tins, works, 100 lbs. 1.25 - —
Sulphocarbolate, 1,000-lb. lots, 200-lb. bbls..lb. .42 - —
Calendula flowers, bls. ..... lb. 3.25 - 3.30
Calomel,[2] bbls., fib. dms., kgs., 50 lbs. or more..lb. 2.95 - —
Camphor, natural, powd., cs....lb. .95 Nom.
slabs, cs. ..... lb. .95 Nom.
tablets, tins..... lb. 1.25 Nom.
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .39½- —
10 bbls. (1,500 lbs)..... lb. .42 - —
5 to 9 bbls. ..... lb. .43¼- —
1 to 4 bbls. ..... lb. .43½- —
25 lbs. to 149 lbs. ..... lb. .45¼- —
1 lb. to 24 lbs. ..... lb. .52½- —
USP, gran., powd., bbls., 2,000-lb. lots..lb. .66½- —
1,000-lb. lots..... lb. .67½- —
smaller lots, c.l., works.... lb. .68½- —
tablets, 2,000-lb. lots.... lb. .79½- —
1,000-lb. lots..... lb. .80½- —
smaller lots..... lb. .81¼- —
Monobromate, bulk, 100-lb. lots, lb. 3.10 - —
25 to 50-lb. lots..... lb. 3.20 - 3.25
Canada balsam (see Fir, balsam).
Canary seed,[1] Argentine, bgs..lb. .10¼- .10¾
Canella alba bark, bls. ..... lb. .29 - .30
Cantharides, Chinese, cs..... lb. 2.25 - 2.50
powd., bxs. ..... lb. 2.45 - 2.50
Russian, cs. ..... lb. 6.00 - 6.25
powd., bxs. ..... lb. 6.25 - 6.30
Capsicum (see Pepper, red).
Caraway seed,[1] Dutch, bgs.....lb. 1.08 - 1.12
Morocco, bgs. ..... lb. .58 - .60
Syrian, whiskered, bgs..... lb. .45 - .46
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98% dms., ton lots, works....lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works..... lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works....lb. .225- —
l.c.l., same basis..... lb. .235- —
tanks, same basis..... lb. .215- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R...lb. .05 - —
l.c.l., same basis..... lb. .05¾- —
5-gal. dms., c.l., same basis, .07 - .07½
l.c.l., same basis..... lb. .08 - .08½
Dioxide, cyls. ..... lb. .06 - .06
Tetrachloride, [1,5] Zone 1, 52½-gal. dms., c.l., frt. alld., gal. .73 - —
l.c.l., frt. alld..... gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld..... gal. 1.07 - —
Carbon tetrachloride, Zone 2, 52½-gal. dms., c.l., frt. alld., gal. .69 - —
l.c.l., frt. allid..... gal. .87 - —
Zone 2, 5 or 10-gal. dms., c.l., frt. allid..gal. 1.04 - —
l.c.l., frt. allid..... gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. allid..gal. .94 - —
l.c.l., frt. allid..... gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. allid..gal. 1.17 - —
l.c.l., frt. allid..... gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l..gal. .83 - —
l.c.l. ..... gal. .90 - —
5 or 10-gal. dms..... gal. 1.07 - —
l.c.l. ..... gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States:—Me., N. H., Vt., Mass., Conn., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kans. Zone 2 includes N. D., S. D., Neb., Kans., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the States of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom,[1] bleached, cs.....lb. 1.70 - 1.80
decorticated, cs. ..... lb. 1.55 - 1.60
green, Alleppey, bgs. ..... lb. .95 - .97
Ceylon, cs. ..... lb. .94 - .97
Carob bean flour (see Gum, Locust bean).
Carvol, bots. ..... lb. 22.50 -23.00
Cascara sagrada bark, bulk....lb. .26 - .28
Case-hardening mixture, 30%, lump, dms., l.c.l. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .19 - .21
5 tons, works..... lb. .19¼- .21¼
smaller lots, works..... lb. .19¼- .21½
80-100 mesh, c.l., dlvd..... lb. .19¼- .21½
5 tons, works..... lb. .19¾- .21¾
smaller lots, works..... lb. .20 - .22
import, Argentine, 20-30 mesh., bgs., c.l., c.i.f. ..... lb. .09 - —
French, 30 mesh, bgs., c.l., duty paid..lb. Noprices
New Zealand, 20-30-mesh, c.l., bgs., duty paid..lb. No prices
Cassia,[1] Batavia, No. 1, thin quill, bls..lb. .63 - .64
No. 1, regular, bls. ..... lb. .58 - .59
Shortstick ..... lb. .53 - .54
broken ..... lb. .51 - .52
China, buds, bgs. ..... lb. .53 - .54
rolls, select, bls. ..... lb. .51 - .52
broken, bls. ..... lb. .48 - .49
Saigon, all medium, bls..... lb. .61 Nom.
all thin, bls. ..... lb. .62 Nom.
Cassia fistula, baks. ..... lb. .25 - .26
Castoreum, nat., cns. ..... lb. 12.50 -16.00
Synth., bots. ..... lb. 19.00 - —
Castor beans, f.o.b. Brazilian ports, long ton. 75.00 - —
Oil (see Oil, castor).
Pomace,[1] dom., guaranteed 5¼% ammon., bgs., c.l., works, ton. 19.00 - —
import, bgs., c.i.f. ports, shipment..ton. No prices
Catechol, resublimed, frt. alld. E. of Miss., 100-lb. dms...lb. 3.50 - —
Celery seed,[1] French, bgs..... lb. .26 -Nom.
Indian ..... lb. .30½- .30¾
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, frt. alld. lb. .30 - .35
granules, frt. allid..... lb. .30 - —
Triacetate, flake, frt. allid..... lb. .30 - —
Cerium hydrate, dms., works...lb. .60 - —
oxalate, USP, bbls., works...lb. .35 - —
kgs. works..... lb. .37 - —
Oxide, optical grade, 100-lb. lots, works..lb. 1.50 - —
smaller lots, works..... lb. 2.00 - —
Chalk, precipitated, drugs, dentifrices, and cosmetics, c.l., spot. lb. .03¾- —
paint and other industries, bgs., c.l., works...ton.40.00 - —
papermakers, bgs., c.l., works. ton.32.50 - —
rubbermakers, bgs., c.l., works. ton.30.00 - —
Chamomile flowers, Hungarian type, cs., lb. .90 - .95
Roman, bls. ..... lb. 3.25 Nom.
Charcoal, softwood, grain, bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Ga., W. Va...ton.35.40 - —
Conn., Me., Mass., N. H., R. I., Vt...ton.35.90 - —
Ill., Ind., Iowa, Mich., Minn., Mo., Neb., O. and Wis. ..... ton.32.50 - —
Penn. ..... ton.34.50 - —
Willow, powd., bbls. ..... lb. .06 - .07
Chestnut extract, clarified, 25% tan, bbls., c.l., works...lb. .0275- —
tanks, works..... lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh., bgs., c.l., works...ton. 9.50 - —
l.c.l., works..... ton.16.00 - —
bulk, c.l., works...ton.7.00 - —
200 mesh, bgs., c.l., wks., ton. 8.50 - —
l.c.l., works..... ton. 9.50 -15.50
wet grd., silkbolt, 90.9%, 325 bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila...ton.19.00 -24.00
powd., cks., l.c.l., ex whse., ton.41.00 - —
Chloral hydrate, jars, 1,000 lbs.lb. .93 - .95
500 lbs. ..... lb. .96 - .98
100 lbs. ..... lb. .98 - 1.00
25 lbs. ..... lb. 1.00 - 1.02
1-10 lbs. ..... lb. 1.05 - 1.07
dms., 1,000 lbs. ..... lb. .90 - .92
500 lbs. ..... lb. .93 - .95
100 lbs. ..... lb. .95 - .97
Chlorinated rubber,[6] standard, 100 lbs. or more, works..lb. .32 - —
smaller lots..... lb. .35 - —
Chlorine[2,6] liquid, cyls., c.l., dlvd., N.Y...lb. .05¼- —
contracts, dlvd., N.Y...lb. .05¼- —
l.c.l., dlvd. N.Y. ..... lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2, works, frt. equalized... 100 lbs. 2.50 - —
1, works, frt. equalized... 100 lbs. 3.00 - —
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms. ..... lb. .22 - —
50-lb. dms. ..... lb. .23 - —
USP, 650-lb. dms. ..... lb. .30 - —
100-lb. dms. ..... lb. .32 - —
50-lb. dms. ..... lb. .33 - —
Chlorpicrin, com'l, 180-lb. cyls., frt. allid..lb. .30 - —
100-lb. cyls., frt. allid..... lb. .32 - —
25-lb. cyls., ex-whse..... lb. 1.00 - —
1-lb. bots., class 2, ex-whse., lb. 1.25 - —

Chrome acetate, powd., 24%, bbls., lb. .22 - —
solut., 8%, cs., bbls. lb. .07½- —
7½%, cs., bbls. lb. .06½- —
Cake, bulk, c.l., works. ton.16.00 - —
Ore., residue, paper bgs., c.l., works. ton.15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot. lb. 6.05 - 7.00
Cinchona bark, quill, USP, 10 in., medium, cs. lb. 1.20 Nom.
20 in., thick, cs. lb. No stocks
20 in., medium, cs. lb. No stocks
broken quill, red, bgs. lb. .19 Nom.
yellow, bgs. lb. .19 Nom.
Cinchonidine,[5] small, crys., cns., 100 ozs. oz. .89 + .13½*
Sulphate, NF, cns., 100 ozs. oz. .53 + .13½

* Cinchonidine buyers must pay a surcharge of 13½c. per oz. to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small cryst., cns., 100 ozs. oz. .62 + .13½*
large cryst., cns., 100 ozs. oz. .66 + .13½
Sulphate, NF, cns., 100 ozs. oz. .42 + .13½

* Cinchonine buyers must pay a surcharge of 13½c. per oz. to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, bots., 1 to 5 lbs. lb. 3.70 - 3.80
dms., 100 lbs. lb. 3.50 - —
50 lbs. lb. 3.55 - —
25 lbs. lb. 3.60 - —
Heavy density cinchophen 20c. per lb. higher.
Cinnamic alcohol (see Alcohol, cinnamic).
Cinnamon,[1] Ceylon, 2, bls. lb. .57 - .58
chips, bgs. lb. .56 - .57
Citral, bots., cns. lb. 4.95 - 6.00
Citrine ointment,[3] jars. lb. .98 - 1.00
Citronellal, bots., dms. lb. 2.75 - 3.25
Citronellol, bots., dms. lb. 6.00 - 7.00
Clove,[1] Zanzibar. lb. .18 - .18½
Clover tops, red, dom., bgs. lb. .33 - .34
Coaltar, coal-gas, crude, bbls., c.l., works. bbl. 8.25 - —
l.c.l., works. bbl. 8.75 - —
tanks, works. gal. .07¼- —
refd., bbls., c.l., works. bbl. 8.75 - —
l.c.l., works. bbl. 9.25 - —
tanks, works. gal. .08½- —
Coaltar, water-gas, crude, dms., c.l., works. dm. 8.25 - —
l.c.l., works. dm. 8.75 - —
refd., dms., c.l., works. dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd. lb. .83¾- —
feed grade, 28% Co., 100 lbs. lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 49.5% Co., 100 lbs. lb. 1.85 - —
Chloride, kgs., works. lb. .87½- —
feed grade, 24.5% Co., 100 lbs. lb. 1.25 - —
Hydrate,[6] bbls. lb. 2.04 - —
feed grade, 62% Co., 100 lbs. lb. 2.25 - —
Linoleate, paste, 8%, dms. lb. .32 - .35
solid, 8½%, dms. lb. .44 -
Nitrate, feed grade, 20.4% Co., 100 lbs. 1.25 - —
Oleate, bbls. lb. .44 Nom.
Oxide,[6] black, kgs. lb. 1.84 - —
Phosphate, feed grade, 34% Co., 100 lbs. lb. 1.75 - —
Resinate, fused A, bbls. lb. .15 - —
1%, cobalt oxide, bbls. lb. .15 - —
2%, cobalt oxide, bbls. lb. .16 - —
3½%, cobalt oxide, bbls. lb. .18 - —
precip., dms., dlvd. lb. .65 - —
Sulphate,[6] dms. lb. .65 - —
feed grade, 21% Co., 100 lbs. lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-Ammonium sulphate, 14% Co., 100 lbs. lb. .75 - —
Cocaine, hydrochloride, 100 ozs., cns. oz. 9.75 - —
Cochineal, gray, bgs. lb. .37 - .38
Teneriffe, silver, bgs. lb. .38 - .39
Cocoa butter,[1] bulk, f.o.b. shipping point. lb. .25 - —
Cocillana bark, bgs. lb. .20 - .21
Codeine, cns., 100 ozs. oz. 11.70 - —
Hydrochloride, cns., 100 ozs. oz. 10.50 - —
Phosphate, cns., 100 ozs. oz. 9.00 - —
Sulphate, cns., 100 ozs. oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls. lb. .09 - .11
blue, bls. lb. .09 - .10
Colchinine, bots., cns. oz. 38.00 - 43.00
Colchicum seed, bgs. lb. No stocks
Collodion, USP, dms., 325 lbs. lb. .19½- .20½
cns., 30 lbs. lb. .23 - .29½
flexible, USP, dms., 325 lbs. lb. .21 - .23
cns., 25 lbs. lb. .26 - .31
Colocynth pulp, bls. lb. 1.15 - 1.25
Colombo root, bls. lb. .10 - .11
Coltsfoot leaves, bgs. lb. .90 - 1.00
Condurango bark, bgs. lb. .14 - .15
Conium leaves, bls. lb. 1.18 - 1.20
Copaiba, balsam, Para, cns. lb. .47 - .49
S.A., USP, cns. lb. .50 - .52
Copper acetate,[6] normal, bbls., dlvd. lb. .24 - —
smaller containers, dlvd. lb. .26 - .35
Carbonate,[6] 52-54%, bbls. lb. .19½- .20
Chloride,[6] anhyd., bbls. lb. .23½- .24
regular crystals. lb. .12 - .14¾
Cyanide,[6] tech., bbls. lb. .34 - .38
Iodide, bots. lb. 5.15 - 5.19
Metal,[1,2,7] electrolytic. lb. .12 - .12½
Nitrate, tech., cryst., bbls. lb. .16¾- .20
Oleate, precip., bbls. lb. .22½- .29½
Oxide,[6] black, bbls., tons, works, lb. .19½- .23½
Red, com'l, kgs., f.o.b. N. Y. lb. .20 - .22
Resinate, precip., bbls. lb. .15¼- .16
Sulphate,[6] 99%, cryst., bbls., c.l., f.o.b. works. 100 lbs. 5.15 - 5.30
l.c.l., 16-50 bbls., same basis, 100 lbs. 5.30 - —
6-15 bbls., same basis... 100 lbs. 5.40 - —
1-5 bbls., same basis..... 100 lbs. 5.65 - —
monohydrated, dms., c.l., dealers, f.o.b. works. 100 lbs. 9.20 - —
l.c.l., dealers. 100 lbs. 10.20 - —
Copperas, cryst., gran., bgs., c.l., works. ton.17.00 - —
bbls., c.l., works. ton.20.00 - —
l.c.l., 25 or over, works... 100 lbs. 1.55 - —
1-4, works. 100 lbs. 2.00 - —
bulk, c.l., works. ton.14.00 - —
Copra, Coast, shipment. No prices
Coriander seed,[1] Morocco, bgs., lb. .10¾- .11¼
Indian, bgs. lb. .09½- .10
Corn silk, bls. lb. .20 - .22
Corn sugar, tanners', chipped, bgs., c.l., dlvd. 100 lbs. 3.62 - —
slabs, bbls., c.l. 100 lbs. 3.54 - —
Syrup, 42°, bbls., c.l. 100 lbs. 3.69 - —
43°, bbls., c.l. 100 lbs. 3.74 - —

Corrosive sublimate,[3] cryst., dms., 50 lbs. or more. lb. 2.39 - —
gran., powd., dms., 50 lbs. or more. lb. 2.34 - —
Cottonroot bark, bls. lb. .13 - .14
Cottonseed, hull ash,[1] 32-36% potash, bgs., dlvd. unit-ton. 1.00 - —
meal, 41% protein, Southeast mills, February delivery. ton.35.00 - —
41% protein, same basis. ton.36.50 - —
Coumarin, 25-lb. cns. lb. 2.75 - —
1-lb. cns. lb. 2.90 - —
1-oz. cns. lb. 3.25 - —
less than 5, cns. lb. 4.15 - 4.65
Cramp bark, NF, bls. lb. .60 - .75
Cranesbill root, bls. lb. .18 - .19
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one shipm't. lb. .57½- —
smaller lots, bbls. lb. .58 - —
kgs. lb. .58½- —
Creosote, beechwood, cbys., dms. lb. .80 - .85
bots. lb. 1.00 - 1.04
hardwood, USP, bots. lb. .80 - .77
Pine, dms. gal. .28 - —
Carbonate, bots., cbys. lb. 2.10 - 2.29
Oil, crude, tanks, works. gal. .15½- —
Coaltar, solution, tanks, works, gal. .141 - —
refd., bbls., l.c.l., works. gal. .26 - —
tanks, works. gal. .18 - .18½
Cresol,[6] special resin grade, dms., c.l., works, frt. equald. lb. .09¼- —
l.c.l., same basis. lb. .10 - —
tanks, same basis. lb. .08¾- —
USP, dms., c.l., works, freight equald. lb. .10¾- —
l.c.l., same basis. lb. .11¼- —
tanks, same basis. lb. .10 - —
Crotonaldehyde, 97% 55 and 110 gals., l.c.l., works. lb. .15 - —
5 and 10-gal. dms., works. lb. .18 - —
Cryolite, syn., c.l., frt. alld. E. of Miss. River. lb. .08½- —
l.c.l., works. lb. .09¼- —
natural, c.l. 100 lbs. 9.50 - —
l.c.l. 100 lbs. 10.00 - —
Cube root,[3] powd., 5% rotenone, bbls., f.o.b. N.Y.C. lb. .35 - —
4% rotenone prices are 4c. per lb. less.
Cubeb berries, XX, bgs. lb. .65 - .70
powd., cs. lb. .70 - .75
Culver's root, bls. lb. .27 - .28
Cumin seed, Cyprus, bgs. lb. .16 - .16½
Morocco, bgs. lb. .15¾- .16¾
Indian, bgs. lb. .12½- .13
Persian, bgs. lb. .13½- .14
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid. lb. No stocks
Cyanamid,[3,6] fertilizer grade for mixing purposes, guaranteed 21% N, pulv., bgs., Niagara Falls, Ont., contracts. unit-ton. 1.52½-
granular, fertilizer grade or mixing purposes, 20.6% N, bulk, Niagara Falls, Ont. unit-ton. 1.62½-
Cyanide-chloride, mixture,[6] 45%, gran., dms. lb. .10¾- —
lump, dms. lb. .09¾- —
75%, gran., dms. lb. .15 - —
Cyclohexane, 98-100%, dms., wks. lb. .16 - —
Cyclohexanol, 98-100%, dms., wks. lb. .23 - —
Cyclohexanone, 98-100%, dms., works. lb. .32 - —
Cyclopropane, USP, cyls., dlvd. gal. .27 - —

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Damiana leaves, bls. lb. .15 - .16
Dandelion root, bls. lb. .31 - .32
Decanol, normal, tech., 360 lbs., dms., dlvd. lb. .35 - —
Deertongue leaves, bls. lb. .21 - .22
Degras,[6] common, dom., bbls. lb. .10 - .12
neutral, dom., bbls. lb. .26 - .30
Derris root,[3] powd., 5% rotenone, bbls., f.o.b. N.Y. lb. .35 - —
4% rotenone prices are 4c. per lb. less.
Dextrin, British gum, c.l., f.o.b. Chicago. 100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago. 100 lbs. 4.35 - —
corn, canary, bgs., c.l., f.o.b. Chicago. 100 lbs. 4.00 - —
l.c.l., f.o.b. Chicago. 100 lbs. 4.20 - —
white, bgs., c.l., f.o.b. Chicago. 100 lbs. 3.95 - —
l.c.l., f.o.b. Chicago. 100 lbs. 4.15 - —
potato, bgs., dom., c.l. lb. .10 - —
l.c.l., bgs. lb. .10¼- .11¾
Diacetone (see under Alcohol).
Diacetyl, bots. lb. 9.50 -11.00
Diamyl ether (see Amyl Ether).
Diamyl phthalate,[6] dms., c.l., dlvd. lb. .2170- .2200
l.c.l., dlvd. lb. .2220- .2250
tanks, dlvd. lb. .2070- .2100
Diamyl sulphate, l.c.l., dms., works. lb. .25 - —
Diamylamine, dms., c.l., works. lb. .61 - —
l.c.l., works. lb. .64 - —
Diamylene, dms., c.l., works. lb. .105 - —
l.c.l., works. lb. .112 - —
tanks, works. lb. .095 - —
Diamylnaphthalene, dms., l.c.l., works. lb. .17 - —
Diamylphenol, 2:4, dms., c.l., works. lb. .18 - —
l.c.l. lb. .21 - —
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific coast. ton.22.00 -25.00
l.c.l., ex whse. ton.45.00 - —
purified, bgs., c.l., f.o.b. Atlantic seaboard. ton.55.00 -59.00
l.c.l., ex whse. ton.85.00 -90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard. lb. .07 - —
l.c.l., ex whse. lb. .10 - .16
Diatomaceous earth, import, Algerian, bgs., c.l., c.i.f. ton. No prices
Mexican, white, bgs., c.l., c.i.f. lb. .02 - .03
l.c.l. lb. .04 - .06
Dibutyl ether (see Ether, butyl).
Phthalate,[6,8] dms., c.l., dlvd. lb. .2000- .2070
l.c.l., dlvd. lb. .2050- .2120
tanks, dlvd. lb. .1900- .1970
cns., works. lb. .23½- —
Sebacate, dms., works. lb. .45 - .47
Tartrate, dom., dms. lb. .92 - 1.02
Dibutylamine, dms., c.l., works. lb. .61 - —
Diacalcium phosphate (see Calcium phosphate dibasic).
Dichloroethyl ether,[6] dms., c.l., works. lb. .15 - —
l.c.l. lb. .16 - —
tanks lb. .14 - —
Diethylanilin, dms. lb. .40 - —
Diethyl carbonate, com'l, dms. lb. .25 - —
refd., 99%, dms. lb. .30 - —
Oxalate, dms., c.l., dlvd. lb. .3020- —
l.c.l., dlvd. lb. .3070- —
Phthalate,[6] dms., c.l., dlvd. lb. .2120- .2170
l.c.l. lb. .2170- .2220
tanks lb. .2020- .2250
Sulphate, dms., c.l., works. lb. .15 - —
l.c.l., works. lb. .14 - —
tanks lb. .12 - —

Diethylamino ethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. River. lb. .75 - —
Diethyleneglycol,[6] dms., c.l., wks. lb. .14 - —
l.c.l., works. lb. .15½- —
Monobutylether, dms., works. lb. .22½- .24½
Monoethylether, dms., c.l., wks. lb. .14½- —
l.c.l., works. lb. .15½- —
tanks, works. lb. .13½- —
Digitalis leaves, dms. lb. .45 - .50
Diglygol laurate, dms. lb. .31 - .33
Oleate, light, bbls., c.l. lb. .17 - —
Stearate, bbls., c.l. lb. .22 - —
Di-isobutyl ketone, dms., works. lb. .19 - —
Dillseed, cleaned, bgs. lb. .08½- .00
Dimethyl phthalate,[6] dms., c.l., dlvd. lb. .1970- .2000
l.c.l., dlvd. lb. .2020- .2050
tanks, dlvd. lb. .19 - —
Dimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd. lb. .90 - —
Dimethylanilin, dms., c.l. lb. .23 - —
l.c.l., dms. lb. .24 - —
Dinitrobenzene, bbls., 80° min. lb. .18 - —
Dinitrochlorobenzene, dms. lb. .14 - —
Dinitronaphthalene, kgs. lb. .35 - .38
Dinitrophenol, bbls. lb. .22 - —
Dinitrotoluene, dms. lb. .18 - —
oily, dms. lb. .05 - —
Diorthotoluolguanidin,[6] dms., 2,000 lbs. or over, dlvd. lb. .44 - —
600-1,950 lbs., dlvd. lb. .46 - —
150-450 lbs., dlvd. lb. .47 - —
Dioxan, dms., c.l., frt. alld. lb. .20 - —
l.c.l., same basis. lb. .21 - —
tanks, same basis. lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. gal. .59 - .61
tanks gal. .51 - —
dest., dist., dms. gal. .55 - .58
tanks gal. .45 - —
Diphenyl, bbls., c.l., works. lb. .15 - —
l.c.l., works. lb. .16 - .20
Oxide, perfume grade, dms. lb. .43 - .45
cns. lb. .48 - .50
Diphenylamine,[6] bbls. lb. .25 - —
Diphenylguanidin,[6] dms., 2,000 lbs. or over, dlvd. lb. .33 - —
600-1,950 lbs., dlvd. lb. .36 - —
150-450 lbs., dlvd. lb. .37 - —
Dimethylethyl carbinol (see Carbinol).
Divi-Divi, Colombian. ton.80.00 - —
Venezuelan. ton.80.00 - —
Doggrass root, imp., cut, NF, bls. lb. .50 - 1.50
domestic, bls. lb. .36 - .45
Dogwood bark, Jamaica, bls. lb. .07 - .09
Dover's powder, USP, cns. lb. 2.75 - 2.80
Dragon's blood, reeds, cs. lb. .95 - 1.00
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns. lb.13.50 - —
FD&C blue, No. 2, cns. lb.13.50 - —
Green, FD&C green, No. 2, cns. lb.17.50 - —
FD&C green, No. 3, cns. lb.27.50 - —
FD&C blue, No. 2, cns. lb.13.50 - —
Orange, FD&C orange, No. 1, cns. lb. 2.90 - —
FD&C orange, No. 2, cns. lb. 3.65 - —
Red, FD&C red, No. 1, cns. lb. 6.00 - —
FD&C red, No. 2, cns. lb. 3.15 - —
FD&C red, No. 3, cns. lb.17.50 - —
FD&C red, No. 4, cns. lb. 5.75 - —
FD&C red, No. 32, cns. lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns. lb. 8.50 - —
FD&C yellow, No. 3, cns. lb. 2.65 - —
FD&C yellow, No. 4, cns. lb. 2.65 - —
FD&C yellow, No. 5, cns. lb. 3.15 - —
FD&C yellow, No. 6, cns. lb. 3.15 - —
Dyes, coaltar (certified colors), for drugs and cosmetics:—
Black, D&C black, No. 1. lb. 8.35 - —
Blue, D&C blue, No. 6. lb.13.50 - —
Brown, D&C brown, No. 1, cns. lb.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns. lb.12.35 - —
Orange, D&C orange, No. 3, cns. lb. 8.35 - —
D&C orange, No. 4, cns. lb.15.35 - —
D&C orange, No. 10, cns. lb.15.35 - —
D&C orange, No. 12, cns. lb.17.35 - —
Red, D&C red, No. 5. lb. 6.00 - —
D&C red, No. 17. lb. 8.35 - —
D&C red, No. 18. lb.18.35 - —
D&C red, No. 19, cns. lb.15.35 - —
D&C red, No. 22, cns. lb. 8.35 - —
D&C red, No. 33, cns. lb.13.35 - —
D&C red, No. 37, cns. lb.12.35 - —
Yellow, D&C yellow, No. 7, cns. lb. 8.35 - —
D&C yellow, No. 8, cns. lb. 8.35 - —
D&C yellow, No. 11. lb.10.35 - —
Dyes, coaltar (certified colors), for external use drugs and cosmetics:—
Blue, Ext. D&C blue, No. 1, cns. lb.12.35 - —
Green, Ext. D&C green, No. 1, cns. lb.12.35 - —
Red, Ext. D&C red, No. 1, cns. lb.10.35 - —
Ext. D&C red, No. 3. lb.21.35 - —
Ext. D&C red, No. 8. lb. 7.85 - —
Ext. D&C red, No. 10, cns. lb.12.85 - —
Ext. D&C red, No. 13, cns. lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns. lb. 9.35 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index Scale):—
36 Chrome yellow 2G. lb. .65 - .70
40 Chrome yellow R. lb. .50 - 1.00
53 Victoria violet. lb. .80 - 1.00
165 Lake red C. lb. .70 - .80
170 Fast red A[6]. lb. .56 - .60
180 Fast red VR. lb. 1.50 - 1.60
185 Lake red R, paste. lb. .85 - .90
189 Lake red R, powd. lb. 3.00 - 3.10
Sulphur tan. lb. .30 - .50
202 Chrome blue black U. lb. .35 - .42
204 Chrome black A. lb. .42 - .45
208 Fast red blue R. lb. .75 - 2.00
216 Chrome red B. lb. 1.75 - 2.00
262 Cloth red 2B. lb. .60 - .80
288 Fast cyanin 5R. lb. .90 - 1.00
299 Chrome black F. lb. .85 - .88
307 Fast cyanin black B. lb. .80 - .85
326 Direct cast scarlet. lb. 2.00 - 2.25
304 Paper yellow. lb. .83 - .90
365 Chrysophenin G. lb. .58 - .70
394 Direct violet N. lb. .80 - .85
382 Direct scarlet B. lb. 1.15 - 1.20
387 Direct violet B. lb. 1.00 - 1.30
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B. lb. .66 - .70
415 Direct orange B. lb. .60 - .70
419 Direct fast red F. lb. .70 - .78
420 Direct brown M. lb. .55 - .57
448 Benzo purpurin 4B. lb. .65 - .67
495 Benzo purpurin 10B. lb. .40 - .50
502 Direct azcrin G. lb. .75 - .80
512 Direct blue RD. lb. .50 - 1.00
518 Direct pure blue 6B. lb. 1.20 - 1.30
520 Direct pure blue. lb. .50 - 1.00
529 Direct fast black FF. lb. .55 - 1.00
581 Direct black EW. lb. .50 - .54
582 Direct black RX. lb. .35 - .45
592 Direct green B. lb. .50 - .55
594 Direct green G. lb. .50 - .55
596 Direct brown 3GO. lb. .85 - 1.00
620 Direct yellow R. lb. 1.25 - 1.50
698 Acid violet. lb. 1.00 - 3.00
812 Primulin lb. .70 - .78
814 Direct fast yellow. lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .50

Dyes, coaltar, for general uses (numbers are those of Colour Index Scale):—
1177 Indigo, 20% paste. lb. .15 - .18
Benzo fast black L. lb. .90 - 1.00
Sulphur black. lb. .20 - .25
Sulphur blue. lb. .45 - 1.00
Sulphur brown. lb. .25 - .50
Sulphur maroon. lb. .40 - —
Sulphur olive. lb. .25 - .54
Sulphur yellow. lb. .30 - .50
Zambesi black. lb. .75 - .80
Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
865 Nigrosin derivatives. lb. .36 - .44
Blue:—
1075 Alizarin astrol base. lb.15.00 - —
1078 Alizarin cyanin green base. lb. 6.00 - —
Brown:—
Brown lb. 1.15 - —
Green:—
1078 Alizarin cyanin green. lb. 5.00 - —
Green lb. .75 - —
Orange:—
24 Sudan I. lb. .75 - —
Red shade lb. .75 - —
Red:—
75 Sudan II. lb. 1.05 - —
258 Sudan IV. lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthraquinone,[6] violet base. lb. 6.00 - —
680 Oil violet lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow. lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB. lb. 1.40 - 2.00
Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
873 Methylene gray. lb. 1.50 - —
729 Victoria blue B. lb. 1.85 - —
861 Indulin lb. .87 - —
909 New blue F. lb. 1.30 - —
922 Methylene blue. lb. 1.00 - —
1054 Alizarin saphirol B. lb. 1.90 - —
1180 Indigotin IA. lb. .85 - —
Blue:—
714 Patent blue A. lb. 1.05 - 1.10
Brown:—
234 Resorcin brown Y. lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G. lb. .47 - .62
332 Bismarck brown R. lb. .47 - .62
703 Phosphin lb. 4.65 - —
Green:—
5 Naphthol green B. lb. 1.00 - —
657 Malachite green. lb. 1.35 - —
662 Brilliant green. lb. 2.00 - —
666 Guinea green B. lb. 1.15 - —
737 Wool green S. lb. .58 - —
924 Methylene green B. lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.00 - —
Orange:—
10 Chrysoidin G. lb. .44 - —
21 Chrysoidin R. lb. .41 - —
27 Orange G. lb. .50 - —
151 Orange Y. lb. .31 - .33
161 Orange R. lb. .34 - —
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
Red:—
79 Popceau R. lb. .48 - —
88 Fast red B. lb. 1.05 - —
176 Fast red A[6]. lb. .54 - —
179 Azorubin lb. .60 - —
183 Crocein scarlet 3BX. lb. .72 - .75
185 Cochineal red A. lb. .60 - —
252 Brilliant crocein M. lb. .68 - —
677 Fuchsin lb. 2.10 - —
749 Rhodamine B. lb. 3.50 - —
752 Rhodamine 6B. lb. 4.50 - —
768 Eosin G. lb. 1.50 - —
841 Safranin lb. 1.45 - —
Violet:—
680 Methyl violet B. lb. .75 - —
681 Crystal violet C. lb. 1.75 - —
695 Acid violet 4BN. lb. .88 - —
Yellow:—
10 Naphthol yellow S. lb. .88 - —
138 Metanil yellow. lb. .56 - .58
636 Fast light yellow. lb. 1.25 - —
639 Xylene light yellow. lb. 1.15 - —
640 Tartrazin lb. .80 - —
655 Auramine lb. 1.27 - —
Dyes, coaltar, for stains, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin lb. .36 - .44
Blue:—
860 Indulin lb. .60 - .70
Brown:—
331 Bismarck brown. lb. 1.50 - —
Green:—
637 Malachite green base. lb. 2.00 - —
Orange:—
20 Chrysoidin G. lb. .95 - —
21 Chrysoidin R. lb. .96 - —
Red:—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine B. lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine lb. 2.00 - —
800 Chinolin yellow SS. lb. 2.00 - —
Violet:—
680 Methyl violet base. lb. .85 - —
Dyes, natural (see name of article).

E

Echinacea root, bls. lb. .19 - .28
Egg albumen (see Albumen).
yolk, dried, dom., bbls. lb. 1.00 - 1.10
imported lb. 1.00 - 1.10
Elder flowers, bright, bls. lb. .77 - .78
Elecampane root, bls. lb. .18 - .19
Elm bark, grinding, bls. lb. .14 - .15
powd., bbls., bxs. lb. .20 - .21
select, bndls. lb. .19 - .20
Emetine hydrochloride, bots. oz. 33.00 -34.50
Ephedra, bls. lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots. oz. 1.15 - 1.65
Hydrochloride or sulphate, tins oz. .95 - 1.45
synth, USP, hemihydrate, bots., 100 ozs. or more. oz. .65 - —
anhyd., bots., 100 oz. or more. oz. .65 - —
Hydrochloride, tins, 100 ozs. or more. oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more. oz. .48 - —
Epsom salt, tech., bgs. 100 lbs. 1.80 - —
bbls. 100 lbs. 1.90 - —
Epsom salt prices on technical and USP are on the basis of freight equalized with Balto., Carteret, N. J., Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

Epsom salt, USP.. cryst., dom., bgs., c.l..100 lbs.	2.00	-	—
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs.	2.25	-	—
smaller lots.....100 lbs.	2.50	-	—
bbls., c.l.....100 lbs.	2.10	-	—
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs.	2.35	-	—
smaller lots.....100 lbs.	2.60	-	—
kgs., c.l. .....100 lbs.	2.35	-	—
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs.	2.60	-	—
smaller lots....100 lbs.	2.85	-	—
dried, bgs., l.c.....lb.	.06	-	.09
Ergot, USP, cns., dms., ton lots, lb.	1.25	-	1.35
smaller lots.....lb.	1.40	-	1.75
Eserine, bots.....oz.	No prices.		
Salicylate, bots.....oz.	41.00	-	48.00
Sulphate, bots.....oz.	41.00	-	48.00
Ether, acetic (see Ethyl acetate).			
Amyl (see Amyl, ether).			
Butyl, l.c.l., dms., dlvd.....lb.	.80	-	—
Ethyl (see Ether, sulphuric).			
Nitrous, conc., bots., 100 lbs., lb.	.93	-	1.10
Sulphuric, conc., 310-lb. dms., lb.	.11	-	—
27-lb. dms. .....lb.	.15½	-	.16
USP, anesthesia, hospitals, 1-lb. cns..lb.	.60	-	.61
Synth., dms., c.l., works....lb.	.14½	-	—
l.c.l., works.....lb.	.15½	-	—
tanks .....lb.	.12½	-	—
Ethyl acetate,[2] 85-90%, dms., c.l., frt. alld..lb.	.1170	-	.1200
l.c.l., frt. alld.....lb.	.1220	-	.1250
tanks, frt. alld.....lb.	.1070	-	.1100
98-98%, dms., c.l., frt. alld..lb.	.12¼	-	.13¼
l.c.l., frt. alld.....lb.	.12¾	-	.13¾
tanks, frt. alld.....lb.	.11¼	-	.12¼
NF, 390-lb. dms. .....lb.	.14½	-	.15½
Acetoacetate, dms., c.l., works, lb.	.37½	-	—
l.c.l., frt. alld.....lb.	.38	-	—
Benzoate, bots.....lb.	.90	-	1.00
Bromide, tech., dms.....lb.	.50	-	.55
Caproate, cns. .....lb.	1.30	-	1.40
Chloride, dms. .....lb.	.18	-	.20
Cinnamate, cns.....lb.	3.50	-	3.75
Formate, cns., dms.....lb.	.27½	-	—
Iodide, bots. .....lb.	3.50	-	3.60
Lactate, 55-gal. dms., works..lb.	.33½	-	—
5-gal. dms.. works.....lb.	.37½	-	.39½
Myristate, dms., works.....lb.	.58	-	—
Oleate, dms., works.....lb.	.47	-	—
Oenanthate, dms. .....lb.	.75	-	1.25
Oxalate, dms., frt. alld.....lb.	.33	-	—
Oxyhydrate, bots. .....gal.	7.50	-	8.00
Silicate, l.c.l., dms., works..lb.	.77	-	—
Vanillin, 25-lb. lots, cns.....lb.	5.25	-	—
5-lb. lots, cns.....lb.	5.30	-	—
1-lb. lots, cns.....lb.	5.40	-	—
Ethylcellulose,[2] std., pkgs., 5,000 lbs. or more, works..lb.	.50	-	—
less than 5,000 lbs., same basis..lb.	.52	-	.60
Ethyldiethanolamine, l.c.l., dms., works..lb.	.80	-	—
Ethylethanolamine, dms., c.l., works..lb.	.57	-	—
l.c.l., works.....lb.	.59	-	—
Ethylene, dichloride,[2] dms., c.l., works, E. of Rockies, frt. alld..lb.	.0642	-	—
West of Rockies, same basis..lb.	.0601	-	—
l.c.l., works, E. of Rockies, frt. alld..lb.	.0601	-	—
West of Rockies, same basis..lb.	.0941	-	—
tanks, same basis, E. of Rockies..lb.	.0743	-	—
W. of Rockies.....lb.	.0792	-	—
Ethyleneglycol,[2] dms., c.l.....lb.	.15½	-	—
l.c.l. .....lb.	.16½	-	—
tanks .....lb.	.14½	-	—
Monobutylether, dms., c.l., wks. lb.	.16½	-	—
l.c.l., works.....lb.	.17½	-	.20¼
tanks, works .....lb.	.15½	-	—
Monoethylether, d m s., c.l., works..lb.	.14½	-	—
l.c.l., works.....lb.	.15½	-	.16½
tanks, works .....lb.	.13½	-	—
Monoethylether, acetate, dms., c.l., works..lb.	.11½	-	—
l.c.l., dms. .....lb.	.12½	-	.15½
tanks, works .....lb.	.10½	-	—
Monomethylether, dms.. c.l., works..lb.	.15½	-	—
l.c.l., works.....lb.	.16½	-	—
tanks, works .....lb.	.14½	-	—
Ethylmorphine hydrochloride, bots., 5 oz..oz.	10.75	-	—
cns., 25 ozs.....oz	10.55	-	—
Ethylidinaniliin, dms. .....lb.	.45	-	.47½
Ethylmonoethanolamine, l.c.l., dms., works..lb.	.80	-	—
Eucalyptol, cns., dms.....lb.	2.00	-	2.50
Eucalyptus, leaves, bls.....lb.	.10	-	.13
Eugenol, cns., dms.....lb.	2.75	-	2.80
Euphorbia, bls. .....lb.	.12	-	.13

F

Feldspar, enamel, 100 mesh, bulk, works..ton.	14.00	-	17.50
l.c.l., minimum 2 tons..ton.	17.00	-	20.50
glass, 20 mesh, bulk, works.ton.	9.75	-	12.25
l.c.l., minimum 2 tons..ton.	12.75	-	16.25
pottery, bulk, Me., works..ton.	17.00	-	19.00
N.C., works.....ton.	17.00	-	19.00
l.c.l., minimum 2 tons, ton.	20.00	-	22.00
Fennel seed, Indian, bgs.....lb.	.08½	-	.09
Fenugreek seed, bgs.....lb.	.08¾	-	09¼
Ferric, sulphate, anhyd., c.l., works..ton.	35.00	-	—
l.c.l. .....ton.	40.00	-	—
Film scrap, colored, cs., 50 lbs. or over, works..lb.	13½	-	.14
smaller lots, works ....lb.	.15	-	—
water white, cs., 50 lbs. or over, works..lb.	.14½	-	.15
smaller lots, works....lb.	.17	-	—
Fir, balsam, Canada, cns....gal.	19.00	-	20.00
Oregon, bbls.....gal.	1.85	-	2.25
Fish berries, bgs .....lb.	.24	-	.25
Fish[1] meal, grd., bgs., East Coast fish factories..ton.	72.50	-	—
scrap, menhaden, new catch, dried, 60% protein, bulk, East Coast fish factories.ton.	66.50	-	—
acid, 6-7% ammon., 3% a.p.a., bulk, Carolina and Florida fish factories.....unit-ton.	No prices		
Long Island fish factories, unit-ton.	No prices		
Flake white, dom., bbls.....lb.	.09	-	—
kegs .....lb.	.11	-	—
Fleaseed, French, black, bgs..lb.	.65	-	.70
Indian, blonde, bgs.....lb.	.15	-	.17
Fluorspar, dom., No. 2 lump or washed gravel, 85.5%, c.l., f.o.b. Ky. and Ill. mines, or barge delivery, Ohio River landings .....ton.	23.00	-	25.00
Formaldehyde,[1,2,5] bbls., c.l., works..lb.	.0550	-	.0575
l.c.l., works .....lb.	.06	-	.0625
Formaldehyde, dms., c.l., works, lb.	.0515	-	.0540
l.c.l., works.....lb.	.0565	-	.0590
tanks .....lb.	.04	-	.04¼
Formaldehyde prices are under 4½c. to 9½c. OPA ceiling.			
Fringetree bark, bls.....lb.	.30	-	.40
Fullers earth, dom., powdered, bgs., c.l., f.o.b. Fla., Ga., mines..ton.	8.50	-	15.00
f.o.b. Tex., mines....ton.	12.50	-	—
import, Eng., bgs., c.l., dlvd. N. Y...ton.	30.00	-	40.00
Fumitory herb, bls.....lb.	.55	-	.60
Furfural, ref., dms., c.l., works, lb.	.15	-	—
l.c.l., works.....lb.	.17½	-	.25
tech., dms., contracts, 150,000 lbs..lb.	.10	-	—
dms., c.l., works.....lb.	.12½	-	—
l.c.l., works.....lb.	.15	-	.20
tanks, works.....lb.	.09	-	—
Fusel oil, crude, dms., incl., works..gal.	.75	-	—
refd., dms., incl., dlvd....lb.	.18½	-	.19½
Fustic, cryst., bags, No. 1....lb.	.32	-	—
No. 2...lb.	.30	-	—
No. 3...lb.	.28	-	—
extract, bbls., No. 1.....lb.	.16	-	—
No. 2 .....lb.	.15	-	—
No. 3 .....lb.	.12½	-	—

G

G salt, bbl.....lb.	.45	-	—
Galangal root, bls.....lb.	.28	-	.30
Gambier, common, cases.....lb.	No prices.		
plantation, cases.....lb.	No prices.		
cubes, Singapore, cases...lb.	.30	Nom.	
extract, bbls. .....lb.	.09½	-	.12
Gasoline[1] at refinery:—			
Bayonne, US motor, 65 octane, tanks, ex tax..gal.	.0595	-	—
72-74 octane, ex tax.....gal.	.092	-	—
California 78 octane at refineries, tanks..gal.	.075	-	—
Gulf Coast, US motor, 72-74 octane, tanks, ex tax..gal.	.05¾	-	—
Arkansas, US motor, 72-74 octane, leaded, tanks, car lots, ex tax..gal.	.06	-	—
Group 3, 72-74 octane, tanks, gal.	.05¾	-	.06
Oklahoma-Texas, US motor, 72-74 octane, tanks, ex tax, gal.	.06¾	-	.06
natural, 26-70, Group 3, tanks..gal.	.03¾	-	—
Gelatin, silver, cs.....lb.	.90	-	.97
Gelsemium root, bls.....lb.	.15	-	.19
Gentian root, bls.....lb.	.50	-	.52
grd., bbls., bxs.....lb.	.55	-	.57
powd., bbls., bxs.....lb.	.56	-	.58
Geraniol, 92-98%, cns., dms....lb.	3.50	-	4.50
Ginger,[1] African, No. 1, bls..lb.	.29	-	.30
Calicut, bgs.....lb.	.24	-	.25
Cochin, bleached, bgs.....lb.	.25	-	.26
unbleached, bgs.....lb.	.24	-	.25
Jamaica, No. 1, bgs.....lb.	.40	-	.41
No. 2, bgs.....lb.	.35½	-	.36
No. 3, bgs.....lb.	.34	-	.35
Ginseng root, wild Southern, cs.. lb.	12.00	-	13.00
Glauber's salt, anhyd. (see Soda Sulphate).			
cryst., dom., bgs., bbls., c.l., works..100 lbs.	1.05	-	1.20
5 tons or over, works.. 100 lbs.	1.15	-	1.35
less than 5 tons, works.. 100 lbs.	1.25	-	1.45
import, bgs. .....100 lbs.	No prices.		
Glue, bone, calcimine type, 24 millipoise, 50 jelly-grams, bgs., c.l., East of Midwest..lb.	.16	-	—
l.c.l. .....lb.	.17	-	—
30/58, bgs., c.l.....lb.	.15½	-	—
l.c.l. .....lb.	.16½	-	—
58/82, bgs., c.l.....lb.	.17	-	—
l.c.l. .....lb.	.18	-	—
82/108, c.l. .....lb.	.18½	-	—
l.c.l. .....lb.	.19	-	—
hide,[1] 100-121 (jelly test in grams, bgs., c.l., dlvd....lb.	.14	-	—
bbls., c.l., dlvd.....lb.	.14½	-	—
122-149, bgs., c.l., dlvd....lb.	.15	-	—
bbls., c.l., dlvd.....lb.	.15½	-	—
150-177, bgs., c.l., dlvd....lb.	.16	-	—
bbls., c.l., dlvd.....lb.	.16½	-	—
178-206, bgs., c.l., dlvd....lb.	.17	-	—
bbls., c.l., dlvd.....lb.	.17½	-	—
207-236, bgs., c.l., dlvd....lb.	.18	-	—
237-266, bgs., c.l., dlvd....lb.	.19	-	—
bbls., c.l., dlvd.....lb.	.19½	-	—
267-298, bgs., c.l., dlvd....lb.	.20	-	—
bbls., c.l., dlvd.....lb.	.20½	-	—
299-330, bgs., c.l., dlvd....lb.	.21	-	—
bbls., c.l., dlvd.....lb.	.21½	-	—
331-362, bgs., c.l., dlvd....lb.	.22	-	—
bbls., c.l., dlvd.....lb.	.22½	-	—
363-394, bgs., c.l., dlvd....lb.	.23	-	—
bbls., c.l., dlvd.....lb.	.23½	-	—
395-427, bgs., c.l., dlvd....lb.	.24	-	—
bbls., c.l., dlvd.....lb.	.24½	-	—
428-460, bgs., c.l., dlvd....lb.	.25	-	—
bbls., c.l., dlvd.....lb.	.25½	-	—
461-494, bgs., c.l., dlvd....lb.	.26	-	—
bbls., c.l., dlvd.....lb.	.26½	-	—
495-529, bgs., c.l., dlvd....lb.	.27	-	—
bbls., c.l., dlvd.....lb.	.27½	-	—

Hide glue transportation charges in excess of 75c. per hundredweight may be added. Prices are those established for sale by producers; prices for glue sold by jobbers are 2c. to 3½c. per pound higher according to grade. Less car lot prices are 1c. per pound higher than car lot. Maximum prices for chrome glue and coney glue in carload lots, wherein the jelly test in grams is 267 or higher, are 2c. per pound higher than the prices established above, while those for these glues, wherein the jelly test is below 267, are 1c. per pound higher than the above prices.

Glycerin[1], Zones A and C, C.P.,[6] (B.P. 96%), drums, car lots, dlvd..lb.	.18¾	-	—
less car lots, dlvd..lb.	.19¼	-	—
tanks, dlvd.....lb.	.18¾	-	—
C.P.[6] (USP 95%), drums, car lots, dlvd..lb.	.18¼	-	—
less car lots, dlvd..lb.	.18¾	-	—
tanks, dlvd. .....lb.	.18	-	—
dynamite,[6] high gravity, yellow, distilled, drums, car lots, dlvd..lb.	.18¼	-	—
less car lots, dlvd...lb.	.18¾	-	—
tanks, dlvd. .....lb.	.18	-	—
saponification, 88%, to refiners, drms., c.l., dlvd..lb.	.12¾	-	—
less car lots, dlvd...lb.	.12¾	-	—
tanks, dlvd. .....lb.	.12¾	-	—
to individual users, dms., c.l., f.o.b. point of manufacture..lb.	.13¾	-	—
less car lots, same basis, lb.	.14¾	-	—
tanks same basis.....lb.	.12¾	-	—
soaplye, 80%, dms., car lots., dlvd..lb.	.11½	-	—
less car lots, dlvd..lb.	.11¼	-	—
tanks, dlvd .....lb.	.11¼	-	—

Glycerin prices in Zone B are 2c. higher.

Zone A means all points east of and including N. Dak., S. Dak., Neb., Kansas, Omaha, Texas, Laramie County, Wyo.; Col.; east of but not including the following counties:—Jackson, Grand, Gilpin, Jefferson, Douglass, Teller, Fremont, Custer, Huerfano, and Costilla.

Zone B means the territory between Zones A and C, as follows:—Washington, east of and including the following counties:—Okanogan, Chelan, Kittitas, Yakima, Klickat; Ore., east of and including the following counties:—Hood River, Wasco, Jefferson, Deschutes, Klamath; Nev., Ariz., New Mex., that part of Col. west of and including those counties mentioned above; Utah, Wyo., excepting Laramie County; Idaho and Mont.

Zone C means the territory west of Zone B.

*Note.—Sales of glycerine to U. S. government are at prices 1c. below the above prices on C.P., and dynamite glycerin.

Glycine, medicinal, bbls., tins..lb.	1.70	-	2.00
Glycol boriborate, dms.....lb.	.22	-	—
Phthalate, dms. .....lb.	.38	-	—
Stearate, dms. .....lb.	.26	-	—
Gold, U. S. purchase price.....oz.	35.00	-	—
Chloride, acid brown, bots..oz.	20.75	-	21.00
yellow bots. .....oz.	18.75	-	19.00
Gold-soda chloride, photo., bots., oz.	13.00	-	—
USP IX, bots.....oz.	14.50	-	14.75
Gold of pleasure seed, bgs....lb.	.29	-	.30
Goldenseal root, bls.....lb.	4.75	-	5.00
powd., bxs.....lb.	5.00	-	5.25
Grains of Paradise, bgs.....lb.	.28	-	36
Graphite,[6] flake (cryst.), 90%, 325 mesh, 50% graphitic, carbon, bgs., c.l., works..lb.	.07	-	—
bbls., c.l., works.....lb.	.07¼	-	—
l.c.l., works.....lb.	.07½	-	—
85% graphitic, carbon, bgs., c.l., works..lb.	.02¼	-	—
l.c.l., works.....lb.	.03¼	-	—
bbls., c.l., works.....lb.	.02¾	-	—
80% graphite, carbon, bgs., c.l., works..lb.	.03¼	-	—
bbls., c.l., works.....lb.	.03¼	-	—
l.c.l., works.....lb.	.04½	-	—
Grease,[1,6] house, loose.....lb.	.08¼	-	—
white, loose .....lb.	.09¾	-	—
Wool (see Adeps lanae and Degras).			
Green,[6] chrome, CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb.	.23	-	—
6-10%, bbls., same basis..lb.	.24	-	—
11-15%, bbls., same basis..lb.	.25	-	—
16-20%, bbls., same basis..lb.	.25½	-	—
21-25%, bbls., same basis..lb.	26	-	—
26-30%, bbls., same basis..lb.	.26½	-	—
31-35%, bbls., same basis..lb.	.27½	-	—
36-40%, bbls., same basis..lb.	.29	-	—
41-45%, bbls., same basis..lb.	.30½	-	—
46-50%, bbls., same basis..lb.	.33	-	—
reduced color, 5%, same basis, lb.	.06¾	-	—
9-10%, bbls., same basis..lb.	.07½	-	—
11-13%, bbls., same basis..lb.	.08	-	—
14-16%, bbls., same basis..lb.	.08¼	-	—
17-19%, bbls., same basis..lb.	.08¼	-	—
20-21%, bbls., same basis..lb.	.08¾	-	—
22-23%, bbls., same basis..lb.	.09	-	—
24-25%, bbls., same basis..lb.	.09¼	-	—
26-27%, bbls., same basis..lb.	.09¼	-	—
28-29%, bbls., same basis..lb.	.10	-	—
30-31%, bbls., same basis..lb.	.10¼	-	—
32-33%, bbls., same basis..lb.	.12	-	—
34-35%, bbls., same basis..lb.	.13	-	—
36-40%, bbls., same basis..lb.	.14	-	—
41-45%, bbls., same basis..lb.	.17	-	—
46-50%, bbls., same basis..lb.	.17½	-	—
51-55%, bbls., same basis..lb.	.18	-	—
56-60%, bbls., same basis..lb.	.18½	-	—
61-65%, bbls., same basis..lb.	.19	-	—
66-70%, bbls., same basis, lb.	.20	-	—
71-75%, bbls., same basis..lb.	.21	-	—

Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita prices are equalized with Chicago.

Chrome oxide, drums, pure, works..lb.	.24	-	—
Tetrahydroxide, bbls. .....lb.	.55	-	—
Paris (see P).			
Tungstated, brilliant, kgs....lb.	3.75	-	—
emerald, kgs. .....lb.	2.60	-	—
Verdigris (see V).			
Green dyes are listed under Dyes.			
Grindelia robusta, bls.....lb.	.11	-	.12
Guaiac resin, cs.....lb.	.80	-	.85
strained, cs.....lb.	1.50	-	1.60
Wood, bls. .....lb.	.05	-	.06
Guaiacol, liq., dms.....lb.	1.75	-	2.01
Carbonate, fib. dms.....lb.	2.40	-	2.74
Guarana, powd., cs.....lb.	1.20	-	1.80
Gum arae (see A).			
Ammoniac, tears, cs.....lb.	1.20	-	1.25
Arabic, amber sorts, cleaned, bgs..lb.	.14½	-	.15
powd., bbls.....lb.	.20	-	.21
white sorts, 1, bgs..... lb.	.33	-	.35
Asafetida (see A).			
Asphaltum (see A).			
Benzoin, Siam, cs.....lb.	3.00	-	3.50
Sumatra, cs.....lb.	.50	-	.55
Camphor (see C).			
Copal, Congo, No. 1, unsorted..lb.	.14¾	-	—
No. 2, unsorted.....lb.	.12¾	-	—
No. 3, unsorted.....lb.	.11¼	-	—
FAD, unsorted.....lb.	.14½	-	—
Sorted, Nos. 1 to 28, not available in New York area.			
Sorted, No. 30, c.l.....lb.	.55¾	-	56¼
No. 31, same basis.....lb.	.21½	-	.21¾
No. 32, same basis.....lb.	.15¾	-	16¼
No. 33, same basis.....lb.	.14	-	.14½
No. 34, same basis.....lb.	.09¼	-	.09¾
No. 35, same basis.....lb.	.15½	-	.16¾
No. 36, same basis.....lb.	.12¾	-	.13¼
No. 37, same basis.....lb.	.18¼	-	.18¾
No. 38, same basis.....lb.	.12¼	-	.12¾
No. 39, same basis.....lb.	.10¾	-	.11¼
No. 40, same basis.....lb.	.08	-	.08¼
No. 41, same basis.....lb.	.11¾	-	.12¼

Inside figures represent car-load lot prices; outside figures less than 10-package-lot prices. On lots of 10 packages or more, prices are ¼ cent per pound higher than car-load lot prices; on lots less than 10 packages, prices are an additional ¼ cent per pound (½ cent per pound altogether) higher than car-load lot quotations.

The following quotations on Manila, Philippine, Singapore and Pontianak grades are merely nominal as these gums are now unavailable here:—

Manila, Boeas, amber and dark..lb.	.14½	-	—
Macassar, WS .....lb.	.11¾	-	—
MA .....lb.	.09¾	-	—
MB .....lb.	.09¼	-	—
dust .....lb.	.07¾	-	—
Loba, A.....lb.	.14	-	—
B .....lb.	.13¾	-	—
C .....lb.	.13¾	-	—
CBB .....lb.	.12	-	—
CNE .....lb.	.10	-	—
D .....lb.	.12¾	-	—
DBB .....lb.	.11	-	—
Du .....lb.	.08¾	-	—
DK .....lb.	.09¼	-	—
dust .....lb.	.07¾	-	—
MA .....lb.	.09¾	-	—
MB .....lb.	.09¼	-	—
WS .....lb.	.11¾	-	—
Philippine, amber sorts....lb.	.10¼	-	—
extra pale sorts.....lb.	.12¾	-	—
nubs .....lb.	.13¾	-	—
pale chips.....lb.	.13	-	—
scraped .....lb.	.15	-	—
seeds and dust.....lb.	.08¾	-	—
small pale chips.....lb.	.11¾	-	—
Gum, copal, Sambas and white split chips..lb.	.15½	-	—
Singapore dust.....lb.	.08¾	-	—
spirit soluble, CBB.....lb.	.12	-	—
DBB .....lb.	.11	-	—
MA .....lb.	.09¾	-	—
MB .....lb.	.09¼	-	—
WS .....lb.	.12¼	-	—
Pontianak, bold, genuine..lb.	.22¾	-	—
chips .....lb.	.12¾	-	—
mixed .....lb.	.17¾	-	—
nubs .....lb.	.18¾	-	—
split .....lb.	.19¼	-	—
Damar, Batavia A.....lb.	.35¾	-	—
A/C .....lb.	.31¼	-	—
A/D .....lb.	.28¾	-	—
A/E .....lb.	.25¾	-	—
B .....lb.	.34¾	-	—
C .....lb.	.29¾	-	—
D .....lb.	.25¾	-	—
E .....lb.	.18¾	-	—
F .....lb.	.13¾	-	—
dust .....lb.	.13¾	-	—
Singapore, No. 1.....lb.	.30¾	-	—
2 .....lb.	.25¾	-	—
3 .....lb.	.12¾	-	—
chips .....lb.	.23½	-	—
dust .....lb.	.13	-	—
seeds .....lb.	.17¾	-	—
East Indian, Batu, bold, scraped..lb.	.10¼	-	—
nubs and chips.....lb.	.08¾	-	—
black, bold, scraped.....lb.	.12	-	—
unscraped .....lb.	.07¼	-	—
nubs and chips.....lb.	.07¼	-	—
chips .....lb.	.11½	-	—
Hiroe-Macassar, bold.....lb.	.17¾	-	—
chips .....lb.	.11¼	-	—
dust .....lb.	.05½	-	—
nubs .....lb.	.18¾	-	—
Rasak, bold.....lb.	.22¾	-	—
chips .....lb.	.11¾	-	—
nubs .....lb.	.16¾	-	—

Importers have been authorized by OPA's amended order M-63 to add to the above prices charges of approximately 8½% for freight, marine and war risk insurance.

Gums, copal, Congo and Pontianak are packed in bgs.; Manila copal gums are packed in baskets; dammar gums are packed in cases; East India gums are packed in bgs.; gum elemi is packed in cans. Prices are in carload lots, ex dock or ex whse., San Francisco or New York. L.c.l. prices are ¼c. to ½c. per lb. higher.

Elemi .....lb.	.08¼	-	—
Accroides red gum, coarse..lb.	.06	-	—
fine..lb.	.07¼	-	—
Ester, ordinary, carload lots, N. Eng., Middle Atlantic States, Va., W. Va., N. C., Ky., Ohio, Mich.; Ind., Ill., Wis., St. Paul and Minneapolis, Minn., and St. Louis, Mo., f.o.b. cars, destination.....lb.	.09½	-	—
other points.....lb.	.10	-	.11
ten drums, N. Eng., etc..lb.	.09¾	-	—
other points.....lb.	.10½	-	.11¾
single dms., N. Eng., etc.lb.	.10	-	—
other points.....lb.	.10¾	-	.12

Ester gum spot prices are ½c. per pound higher.

Euphorbium, cs.....lb.	1.50	Nom.	
Galbanum, cs.....lb.	1.60	-	1.65
Gamboge, pipe, cs.....lb.	2.30	-	2.35
powd., bbls. .....lb.	2.50	-	2.55
Ghatti, soluble, bgs.....lb.	.11	-	.15
Guaiac (see Guaiac resin).			
Karaya, bbls., bxs., dms.....lb.	.14	-	.33
Kauri, Bush, bold.....lb.	.40	-	—
assorted .....lb.	.35	-	—
chips .....lb.	.32	-	—
dark .....lb.	.18	-	—
bright .....lb.	.18	-	—

Gum Kauri prices are for carload lots, packed in cases, ex dock or ex whse, San Francisco or New York. L.c.l. prices are ¼c. to ½c. per pound higher. On arrivals of gum kauri since June 1, importers have been authorized by OPA's amended order M-63 to add to the above prices charges of approximately 8½% for freight, marine and war risk insurance.

White, 5X .....lb.	1.50	-	—
4X .....lb.	.66	-	—
3X .....lb.	.65¾	-	—
No. 1 extra .....lb.	.45	-	—
No. 1 superior .....lb.	.41	-	—
No. 2 extra .....lb.	.31	-	—
No. 2 superior .....lb.	.31	-	—
No. 3 extra .....lb.	.30	-	—
No. 3 superior .....lb.	.22	-	—
extra pale chips.....lb.	.25½	-	—
pale chips.....lb.	.20¾	-	—
pale dust.....lb.	.20¾	-	—
Brown, 3X.....lb.	.77	-	—
2X .....lb.	.49	-	—
X .....lb.	.36	-	—
No. 1 extra .....lb.	.34	-	—
No. 1 superior .....lb.	.31	-	—
No. 2 extra .....lb.	.30	-	—
No. 2 superior .....lb.	.27½	-	—
No. 3 .....lb.	.22	-	—
chips extra .....lb.	.18	-	—
chips 80% .....lb.	.16	-	—
nubs .....lb.	.24	-	—
dust .....lb.	.12¼	-	—
Sandarac .....lb.	.97½	-	—
Kino, tins.....lb.	No prices		
Locust bean, powd., bbls....lb.	1.10	-	1.15
Mastic, cs.....lb.	3.50	-	3.75
Myrrh, USP, cs.....lb.	.75	-	.76
Olibanum, siftings, cs.....lb.	.11½	-	.18
tears, cs.....lb.	.18	-	.35
Opium (see O).			
Rosin (see R).			
Sandarac, cks.....lb.	.97½	-	—
Scammony, cs.....lb.	1.30	-	1.35
Talha, bgs.....lb.	.10	-	.11
Tragacanth, Alleppo, No. 1, cs. lb.	3.75	-	3.80
No. 2, cs.....lb.	3.40	-	3.45
No. 3, cs.....lb.	1.10	-	1.20
Yacca,[1] bgs.....lb.	.06	-	.07½
Gypsum, Keene's cement, paper bbs., c.l., f.o.b. Acme, Tex., frt. equald..ton.	22.65	-	—
Medicine Lodge, Kan., frt. equald..ton.	17.00	-	—
Harlem River, N. Y., frt. equald..ton.	28.25	-	—
bgs., New Brighton, N. Y., frt. equald..ton.	28.25	-	—
Southard, Oklahoma, frt. equald..ton.	17.00	-	—
Sweetwater, Texas, frt. equald..ton.	21.45	-	—
Plaster of paris, paper bgs., f.o.b. Blue Rapids, Kans., frt. equald..ton.	12.50	-	—
Acme, Tex., frt. equald.ton.	12.50	-	—
Harlem River, N. Y., frt. equald..ton.	13.00	-	—
Medicine Lodge, Kans., frt. equald..ton.	12.50	-	—
New Brighton, N. Y., frt. equald..ton.	13.00	-	—
Southard, Oklahoma, frt. equald..ton.	12.50	-	—
Sweetwater, Texas, frt. equald..ton.	12.50	-	—
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Akron, N.Y., Blue Rapids, Kansas; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton.	8.00	-	—
Saltville, Va.....lb.	9.00	-	—

Gypsum, Terra Alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., ton. 12.00 - —
Harlem River, N.Y. .ton. 12.00 - —
Import, bgs., ex dock .....ton. No prices

H

Hawthorn berries, bgs .....lb. 1.10 - 1.15
Heliotropin, cryst., cns .....lb. 5.25 - 5.50
Hellebore root, white, powd., bbls. lb. .46 - .47
Helonias root, bls .....lb. .82 - .83
Hematine, cryst., bgs., No. 1 ..lb. .34 - —
No. 2 .....lb. .30 - —
No. 3 .....lb. .28 - —
No. 4 .....lb. .26 - —
No. 5 .....lb. .24 - —
paste, bxs., No. 1 .....lb. .14½ - —
No. 2 .....lb. .13½ - —
No. 3 .....lb. .12½ - —
Hemlock bark extract, 25% tan, c.l., bbls., works ..lb. .0885- —
tanks, works .....lb. .0825- —
Hempseed, Manchur., bgs .....lb. .14½ - .15
Henbane leaves, bbls .....lb. 1.90 - 2.10
Henna leaves, bls .....lb. .19 - .20
powd., bbls., bxs .....lb. .25 - .26
Heptane,[1] 56°-100° C, industrial grade, dms., l.c.l., Group 3 ..gal. .12½ - —
l.c.l., Group 3 .....gal. .19 - —
tankcars, Group 3 .....gal. .10 - —
laboratory grade, dms., c.l., Group 3 ..gal. .16 - —
l.c.l., Group 3 .....gal. .29 - —
10 gals., Group 3 .....gal. .55 - —
77°-115°, industrial grade, dms., c.l., Group 3 ..gal. .13 - —
l.c.l., Group 3 .....gal. .19 - —
tankcars, Group 3 .....gal. .10½ - —
laboratory grade, dms., c.l., Group 3 Ngal. .16 - —
l.c.l., Group 3 .....gal. .29 - —
10 gals., Group 3 ....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works ..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[2,3] tech., dms., 1,500 lbs. or more, shipment, f.o.b. Perth Amboy or N.Y.C. .lb. .32 - —
150 to 1,350 lbs., shipment, same basis ..lb. .33 - —
USB, dms., 500 lbs. or more, shipment, same basis ..lb. .35 - —
fib. ctns., same basis .....lb. .40 - —
Hexanes,[1] 60°-70°C., industrial grade, dms., c.l., Group 3 gal. .13½ - —
l.c.l., Group 3 .....gal. .19 - —
tankcars, Group 3 .....gal. .10½ - .11
laboratory grade, dms., c.l., Group 3 ..gal. .16 - —
l.c.l., Group 3 .....gal. .29 - —
10 gals., Group 3 .....gal. .55 - —
Hexanol, dms., l.c.l., works ..lb. .25 - —
Homatropine hydrobromide, 25 oz. lots, bots. .oz. 37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago .unit. 4.40 - 4.50
Hops, NF, bls .....lb. .28 - .27
Horehound, bls .....lb. .11 - .14
Hydrangea root, bls .....lb. No prices
Hydrastine, bots., 4 ozs. ....oz. 20.00 - —
Hydrochloride, bots., 4 ozs ...oz. 20.00 - —
Sulphate, bots., 4 ozs .....oz. 29.00 - —
Hydrastinine, 15 grs., bots. .bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works ..lb. .30 - —
fib. ctns., works .....lb. .40 - —
Hydrogen peroxide, USP, bbls. .lb. .03¾- .04
100 vols., cbys., E. of Miss., River; West Coast via Panama Canal ..lb. .16 - .18½
Hydroquinone, dealers, bbls., dms., lb. .90 - .94
Hydroxycitronellal, cns .....lb. 6.50 - 7.50
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots .....oz. 37.50 - —
Hydrobromide, bots .....oz. 37.50 - —
Sulphate, bots .....oz. 37.50 - —
Hypernic, cryst., bgs., No. 1 ..lb. .42 - —
No. 2 .....lb. .34 - —
extract, bbls., No. 1 .....lb. .24 - —
No. 2 .....lb. .19 - —

I

Iceland moss, bls .....lb. 1.45 - 1.50
Ichthyol, bots .....lb. No stocks
Indian red (see Red Indian).
Indigo, nat., chests .....lb. 2.14 - 2.20
synth., paste, bbls .....lb. .16½- .19
powd., bbls .....lb. .74½- .85
Indium metal .....oz. 12.50 - —
Indol, CP, bots .....lb. 28.00 -30.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs .....lb. 1.67 - —
kgs., 150 lbs., less 5%, ex whse., Staten Island ..lb. 1.35 - 1.44
resubl., 5-lb. bots .....lb. 2.10 - —
50-lb. bots .....lb. 2.00 - —
Iodoform, 100-lb. dms .....lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ionone, alpha, bots .....lb. 2.75 - 2.80
beta, bots .....lb. 3.90 - 3.25
Methyl, alpha, 100%, cns ....lb. 4.35 - —
Ipecac root, bgs .....lb. 1.75 - 1.85
powd., bgs .....lb. 1.85 - 1.95
Irish moss, ordinary, bls .....lb. .26 - .28
powd., 80-90 mesh, bbls ..lb. .32 - .33
prime bleached, bls .....lb. .38 - .50
powd. .....lb. .52 - .53
Iron acetate, NF IV, 100-lb. cbys., lb. .17 - —
50 lbs., djns .....lb. .18 - —
liquor, bbls., c.l., divd ....lb. .03 - —
l.c.l., livd .....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms ..100 lbs. 4.65 - 6.25
150-lb. dms .....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald ..lb. .05 - .08
kegs, works, frt. alld. or equald ..lb. .07½- .08
USP X, cryst., bbls .....lb. .07½- —
kegs .....lb. .08½- —
solut., cbys., works, frt. alld. or equaled ..lb. .06½- .07½
djns .....lb. .07½- —
Citrate, USP VIII, pearls ....lb. .72 - .75
powd., cns .....lb. .84 - .87
scales .....lb. .77 - .80
Glycerophosphate, bbls., 1,000-lb. lots ..lb. 3.30 - 3.39
100-lb. lots .....lb. 3.40 - 3.49
cns., 25 lbs .....lb. 3.52 - 3.62
Hyposulphite, bbls., dms .....lb. 1.50 - 1.52
Iodide, bots .....lb. 3.18 - 3.52
syrup, cbys .....lb. .39 - .40
bots .....lb. .53 - .59
Nitrate, red, tech., dms .....lb. .03½- .04
Oxalate, powd., kgs .....lb. .47 - .49
cns .....lb. .52 - —
pearls, cns .....lb. .82 - —
Oxide, black (see Black iron oxide).
Phosphate, ferric, pearls cns. 50 lbs ..lb. .54 - —
25 lbs .....lb. .57 - —
Iron, phosphate, scales, cns., 50 lbs ..lb. .59 - —
25 lbs .....lb. .62 - —
Pyrophosphate, pearls, cns ...lb. .59 - .62
scales, cns .....lb. .64 - .67
Reduced, 90%, cs .....lb. .65 - .75
Sulphate, tech. (see Coppers and ferric sulphate).
USP, cryst., 275-lb. bbls ...lb. .04½- —
dms., 100 lbs .....lb. .06½- —
Iron-ammonia citrate, brown, gran., 2,000-lb. lots, dms .lb. .32 - —
200-lb. lots, dms .....lb. .35 - —
pearls, 2,000-lb. lots, dms .lb. .32 - —
200-lb. lots, dms .....lb. .35 - —
scales, 2,000-lb. lots, dms ..lb. .44 - —
200-lb. lots, dms .....lb. .47 - —
Prices on green are the same as for brown.
Iron-ammonia oxalate,[4] bbls ...lb. .23½- —
dms., kgs .....lb. .25½- —
Iron-soda oxalate, bbls .....lb. .23½- —
dms .....lb. .25½- .26¼
Isobutyl acetate 55-gal. dms., works ..lb. .0860- —
tanks, works .....lb. .0760- —
Propionate, dms., works .....lb. .102 - —
Isopentane, 50-gal. dms., single, works ..gal. .45 - —
10-gal. dms., single, works .gal. .55 - —
Isophorone, dms., works .....lb. 25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld ..lb. .12 - —
dms., c.l., E. of Rockies, frt. alld ..lb. .11 - —
l.c.l., E. of Rockies, frt. alld ..lb. .11½- —
tanks, E. of Rockies, frt. alld. lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l .....lb. .06 - —
l.c.l. .....lb. .06½- —
tanks .....lb. .04½- —
Isopropylamine, dms., works ...lb. .35 - —

J

Jaborandi leaves, bls .....lb. .09 - .10
Jalap root, NF, bls .....lb. .45 - .62
powd., bbls., bxs .....lb. .52 - .53
resin, lump, 100-lb. lots, cns .lb. 5.85 - —
powd., bxs .....lb. 5.90 - —
Juniper berres, bgs .....lb. .30 - .32

K

Kamala, tins .....lb. .39 - .40
Kaolin (see China clay).
Kava kava root, bls .....lb. .27 - .28
Kerosene[1] at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .068 - —
California (f.o.b. San Francisco), truck ..gal. .11½- —
Gulf ports, 41-43, bulk ....gal. .03¾- .04¼
Arkansas, 41-43 w.w., bulk, car lots ..gal. .04¾- —
Oklahoma-Texas, 41-43 w.w., tanks ..gal. .04¾- 04¼
Pennsylvania, 45-46 and 47, w.w., tanks ..gal. .06¼- .07¾
Kola nuts, bgs .....lb. .08 - .11

L

Lady, slipper, root, bls .....lb. .50 - .90
Lanolin (see Adeps lanae)
Lard,[1,3] city, trcs .....100 lbs. 13.80 - —
Western, choice, trcs ....100 lbs. 13.80 - —
Larkspur seed, bgs .....lb. 3.75 - 4.00
Laurel berries, bls .....lb. .25 - .28
Leaves, Greek, bls .....lb. .55 - .56
Cyprus, bls .....lb. .34½- .35
Portuguese, bls .....lb. .15 - .16
Spanish .....lb. .32 - .33
Lavender flowers, ordinary, bls .lb. .70 - .75
medium, bls .....lb. .80 - .85
select, bls .....lb. .90 - .95
Lead,[1] metal (see paint market).
Acetate,[3] white, broken, bbls .lb. .12½- —
cryst., bbls .....lb. .12¾- —
gran., bbls .....lb. .13½- —
powd., bbls .....lb. .13¾- —
Arsenate,[5] bbls., c.l .....lb. .11 - .12
bgs., l.c.l .....lb. .11½- .12¾
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., divd. E. .lb. .07½- —
divd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .lb. .07¾- —
l.c.l., divd. E. .....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo .lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms., 100 lbs ...lb. .49 - —
Iodide, NF V, powd., 5-lb. bots., lb. 2.80 - —
jars .....lb. 2.60 - —
Linoleate, pale, precip., bbls .lb. .22½- —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works ..lb. .21¼- —
1 to 5 ton lots, same basis, lb. .19¾- —
Nitrate, bbls .....lb. .12½- —
Peroxide, powd., bbls., tech ..lb. .23 - —
Oleate, bbls .....lb. .17¾- —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), divd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash ..lb. .09¼- —
Other points .....lb. .09 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash ..lb. .09¾- —
5 tons, divd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash ..lb. .10¼- —
Colo., Mont., N. Mex., Wyo ..lb. .10 - —
other points .....lb. .09¼- —
smaller lots, Ala., etc .lb. .10¼- —
Ariz., etc .....lb. .10¾- —
Colo., etc .....lb. .10½- —
other points .....lb. .10 - —
97% Pb_3O_4, bbls. (20 tons), divd., Ala., etc ..lb. .09¼- —
other points .....lb. .09¾- —
l.c.l., 5 tons, divd. Ala., etc ..lb. .10 - —
Colo., etc .....lb. .10¼- —
Ariz., etc .....lb. .10¼- —
other points .....lb. .09¾- —
smaller lots, divd., Ala. lb. .10¾- —
Ariz., etc .....lb. .11 - —
Colo., etc .....lb. .10¾- —
other points .....lb. .10¼- —

SPOT DELIVERIES

SODIUM ACETATE

Soda Ash
Formic Acid
Sodium Hydrosulphite
Caustic Soda
Sodium Bifluoride
Zinc Sulphate
Heavy Calcined Magnesia

OTHER SPECIAL PRODUCTS
Distributors for THE RUFERT CHEMICAL COMPANY
NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE • NICKEL OXIDE, ETC.

GOLWYNNE CHEMICALS CORPORATION
420 LEXINGTON AVENUE • NEW YORK • PHONE LE 2-9740

Lead, red, dry, 95% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo. etc.....lb. .10¼- —
other points.....lb. .10 - —
smaller lots, dlvd., Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 95% min., 100-lb. kgs., lb. .14 - —
Resinate, fused, 15%, bbls., c.l..lb. .10 - .12
pale, bbls., c.l.....lb. .12 - .14
6%, bbls., c.l.....lb. .09½- .10½
l.c.l.....lb. .10¼- —
Silicate, bgs., 5 tons.....lb. .0730- —
smaller lots.....lb. .0780- —
Stearate, bbls.....lb. .31 - .38
Sulphate (see Lead, white basic sulphate).
Titanate, bgs., or bbls., c.l. (20 tons), works, frt. alld. lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse....lb. .11¼- —
smaller lots, E., frt. alld.lb. .11½- —
Pac. Cst., ex whse...lb. .11¾- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Ca f., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08¼- —
other points.....lb. .08¾- —
l.c.l., dlvd. Ariz., etc...lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., dlvd., Ariz., etc.lb. .08 - —
other points.....lb. .07½- —
in oil, consumers, 100-lb. kgs..lb. .13¾- —
dealers, 100-lb. kgs....lb. .11¾- —
painters, 100-lb. kgs....lb. .12¾- —
Consumers' prices and painters' prices are ½c. lower on orders of 500 lbs. or more.
Lecithin, edible, dms., c.l.....lb. .28½- —
l.c.l. .....lb. .29 - .43
tech., dms., c.l.....lb. .26 - —
l.c.l. .....lb. .26½- .37½
in cocoa butter, dms., c.l....lb. .40½- —
l.c.l. .....lb. .41 - .58
Lemon peel, bls.....lb. .35 - .46
Licorice extract, mass, cns....lb. No prices.
powd., bbls.....lb. No prices.
root, natural, bls.....lb. .12 - .13
powder, bbls., bls.....lb. .22 - .26
select, bbls., cs.....lb. 1.05 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass.....ton. 8.00 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. V.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn..ton. 6.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va..ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal...ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.50 - —
hydrated, f.o.b. Adams, Mass. ton. 8.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N.J.....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistikue, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potaskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco Cal....ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bgs., f.o.b:—
Adams, Mass.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J.....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kans., Okla., Tex..lb. No price
dms., same oasis.....lb. No price
400 lbs. or more, bgs., same basis..lb. No price
dms., same basis.....lb. No price
Lime-sulphur, dry, dealers, bgs., less than 400 lbs., same basis..lb. No price
dms., same basis.....lb. No price
Solution, Zone 1, dms., consumers..gal. No price
Zone 2, tanks, dealers, wks. gal. No price
30-50, dms.....gal. No price
Zone 3, tanks, dealers, dlvd. gal. No price
30-50, dms.....gal. No price
Zone 4, tanks, dealers, wks. gal. No price
dms., wks., except Cal.gal. No price
Zone 5, dealers, dlvd.....gal. No price
dms. .....gal. No price
Zone 6, tanks, dealers....gal. No price
30-50, dms.....gal. No price

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C. except the counties of Ashe, Surry, Stokes, Rockingham and Allegheny; Tenn., east of Tenn. river. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minn., Mo. and Tenn. west of Tenn. river; Penn., eastern ter. and W. Va., western tier. Zone 4: West of Rocky Mountain, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Allegheny, Surry, Stokes and Rockingham.

Linalool, cns.....lb. 6.75 - 7.00
Linalyl acetate, 70% to 80%, cns. lb. 5.50 - 6.00
90%, cns.....lb. 6.50 - 6.75
92%, cns.....lb. 7.00 - 7.25
Linden flowers, bls.....lb. 1.10 - 1.60
without leaves, bls..... No stocks
Linseed meal, 32%, sacks, f.o.b. New York, December delivery..ton. No prices
Litharge, com'l powd., bbls., 20 tons, dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
dlvd. other points.....lb. .08 - —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash...lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08¾- —
smaller lots, dlvd. Ala., etc. lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
Other points.....lb. .09 - —
Lithium bromide, bbls., 100 lbs., works, frt. equald..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, NF VI, 250-lb. bbls. lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Hydroxide, jars.....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone,[1] titanated (high strength), bgs., c.l., (20 tons)..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l. (20 tons).....lb. .0585- —
smaller lots.....lb. .0610- —
ordinary, bgs., c.l. (20 tons)..lb. .04¼- —
smaller lots.....lb. .04¼- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —

Lithopone in car lots is ¼c. per lb. higher delivered to the Pac. Cst. and in less car lots is ½c. higher ex whse., Pac. Cst.

Liverwort, leaves, bls.....lb. .60 - .62
Lobelia, herb, bls.....lb. .33 - .34
Lobeline sulphate, bots., works, oz. 25.50 - 38.00
Logwood, cryst., No. 1, bgs....lb. .28 - —
No. 2, bgs.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 3, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23½- —
No. 2, bxs.....lb. .21½- —
Lovage root, dom., bls.....lb. .55 - .60
imported, bls.....lb. 4.50 - —
Lupulin, N.E., tins.....lb. 1.50 - 1.60
Lycopodium, cs.....lb. 7.50 - 8.00

M

Mace,[1] Bands, cs.....lb. .90 - .91
Siauw, No. 1, cs.....lb. .70 - .71
West Indian, cs.....lb. .70 - .71
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia, arsenate,[6] dms.....lb. .18 - .20
Calcined tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08¼- —
kgs.....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .09 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09½- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .08¼- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .08¾- —
bbls.....lb. .09¼- —
kgs.....lb. .10½- —
Other points.....lb. .08 - —
Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md., c.l. shipments, frt. equall. with Phillipsburg, Ambler, Plymouth Meeting, Valley Forge, and New York. On l.c.l. shipments, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U. S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.
Magnesium, chloride, anhyd., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., works., c.l. ton. 32.00 - —
l.c.l., bbls., works.....ton. 39.00 - 42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., 200-lb. bbls.lb. .25 - —
25-lb. dms.....lb. .30 - —
100-lb. kgs.....lb. .26 - —
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 - .35
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .18 - .20
Stearate, bbls., ton lots.....lb. .31 - —
less than ton lots.....lb. .32 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts, dms...lb. .37 - —
smaller lots, dms.....lb. .42 - —
cs., 500-lb. lots.....lb. .40 - —
100-lb. lots.....lb. .42 - —
5-lb. cns.....lb. .60 - —
Magnesite, cal., dom., bgs., pwd., f.o.b. mines, Calif..ton. 58.75 - —
l.c.l., dlvd., N. Y.....ton. 84.00 - 90.00
dead-burned, dom.,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton. 22.00 - 40.50
Malva flowers, black, bls.....lb. 1.75 - 2.00
blue, bls.....lb. 2.25 - 2.50
Leaves, bls.....lb. .40 - .55
Manaca root, bls.....lb. .24 - .25
Mandrake root, bls.....lb. .18 - .19
Manganese acetate, dms.....lb. .26½- —
Arsenate,[6] bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .17
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .14 Nom.
Manganese, dioxide, African, battery, 84-87%, bbls., 25-40 tons, works..ton. 74.00 - —
5-15 tons, works.....ton. 77.00 - —
½ - 4 tons, works.....ton. 82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton. 74.00 - —
l.c.l., 5 tons, works.....ton. 77.00 - —
smaller lots, works...ton. 82.00 - —
burlap bgs., c.l., works.. ton. 71.75 - —
l.c.l., 5 tons, works....ton. 74.75 - —
smaller lots, works...ton. 79.75 - —
paper bgs., c.l., works..ton. 70.00 - —
l.c.l., 5 tons, works....ton. 73.00 - —
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.05 - 3.14
100-lb. lots.....lb. 3.15 - 3.25
cns., 25 lbs.....lb. 3.27 - 3.36
Hydrate, bbls., dlvd.....lb. .32 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms....lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Resinate, fused, 3½%, bbls...lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Sulphate, anhyd., tons lots, works..lb. .11¼- —
single dms., works.....lb. .11¼- —
feed grade, 77-80%, c.l....lb. .05¾- —
l.c.l. .....lb. .06½- —
fertilizer, 68%, $MnSo_4$, bgs., c.l., dlvd. eastern points. ton. 59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton. 66.50 - —
industrial grade, 80% $MnSo_4$, c.l...lb. .05 - —
l.c.l. .....lb. .05½- —
Mangrove bark, if, and when, available, bxs.....ton. 60.00 - —
Manna flake, large, cs.....lb. No stocks
small, cs.....lb. 3.40 - 3.45
Mannitol,[6] com'l grade, bbls., ton lots, works..lb. .35 - —
smaller lots, works.....lb. .40 - —
reagent grade, 50-lb. cs., or multiples, works..lb. .85 - —
Marjoram,[1] Chilean, bls.....lb. .38 - .42
in transit, bls.....lb. .40 - .41
French, bls.....lb. .84 - 1.15
Tunisian, bls.....lb. .60 - .65
Matico leaves, bls.....lb. .22 - .29
Menthol, natural, cs.....lb. 14.00 Nom.
synthetic, USP, cs.....lb. 13.00 - —
technical, 60-lb. cs.....lb. 6.00 - —
smaller lots.....lb. 6.50 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs..lb. 1.44 - —
25 lbs.....lb. 1.46 - —
50%, pails, 50 lbs.....lb. 2.09 - —
25 lbs.....lb. 2.11 - —
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphide,[2] 5-lb. bots.....lb. 3.02 - —
100-lb. fib. dms.....lb. 2.89 - —
25-lb. jars.....lb. 2.91 - —
Chloride[2] (see Calomel).
Cyanide,[2] cryst.....lb. 4.00 - 4.05
powd.....lb. 4.00 - 4.05
Iodide,[2] red, NF, 5-lb. bots..lb. 4.65 - 4.71
100-lb. fib. dms.....lb. 4.60 - —
yellow, 5-lb. bots.....lb. 4.76 - 4.81
fib. dms., 100 lbs.....lb. 4.70 - —
Nitrate ointment (see Citrine ointment).
tech. (see Red, mercury oxide)
Oxide,[2] yellow, tech. (see Yellow, mercury oxide).
NF VI, fib. dms., 50 lbs. or more..lb. 3.88 - —
red,[2] NF (see Red precipitate).
Mercury and chalk,[2] 5-lb. ctns..lb. 1.98 - —
25-lb. fib. dms.....lb. 1.80 - 1.88
Mesityl oxide, dms., c.l., dlvd..lb. .11¼- —
l.c.l., dlvd.....lb. .12 - —
tanks .....lb. .10¼- —
Metal leaf, Japanese, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 2.50 - —
composition, 5½x5½ in.....pkg. 3.00 - —
gold XX, deep, 23K, 3⅜x3⅜ in. pkg. 15.00 - —
silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls.....lb. 1.05 - 1.10
Metaphenylenediamine,[6] kgs.....lb. .65 - —
Metatoluylenediamine,[6] kgs...lb. .70 - —
Methanol,[1,6] natural, producer group A, all grades, E. of Miss. R., dms., c.l..gal. .66 - —
l.c.l. .....gal. .76 - —
tanks .....gal. .69 - —
Methanol prices W. of Miss. R. are 3c. per gal. higher.
pure, group B, tanks, frt. alld., Zone 1..gal. .50 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .54 - —
Zone 4.....gal. .54½- —
dms., c.l., Zone 1.....gal. .55½- —
Zone 2.....gal. .57½- —
Zone 3.....gal. .59½- —
Zone 4.....gal. .61¼- —
l.c.l., Zone 1.....gal. .58½- —
Zone 2.....gal. .75¼- —
Zone 3.....gal. .62¾- —
Zone 4.....gal. .75¼- —
Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Vt., Va., W. Va., Wisc.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore. Zone 4, Ariz., Cal., Idaho, Mont., Nev., N Mex., Ore., Utah, Wash.
Methanol, synthetic,[2,6] pure, dms., c.l., Zone 1, frt. alld. gal. 34½- —
2, frt. alld. or dlvd..gal. 36½- —
3, frt. alld.....gal 38½- —
4, frt. alld.....gal 40¼- —
l.c.l., Zone 1, frt. alld. or dlvd. gal. 37 - —
2, frt. alld .....gal. 42¾- —
3, dlvd., S. F. and L. A. gal. 41 - —
4, frt. alld. or dlvd..gal. 52¾- 55¼
tanks, Zone 1, frt. alld...gal. 28 - —
2, frt. alld.....gal. 30 - —
3, frt. alld.....gal. 32 - —
4, frt. alld.....gal. 32¾- —

Synthetic methanol sales zones are:—Zone 1 Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me. Md., Mass., Mich., Minn., Mo., N. H., N. J., N.Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col. Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, C.P., 97-99%, dms., c.l., E. of Miss. R. lb. .10½- .12
W. of Miss. R.....lb. .11½- .13
Miss. R..lb. .11 - .14
l.c.l., dms., dlvd. E. of W. of Miss. R.....lb. .12 - .13½
tanks, dlvd. E. of Miss. R. lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .08 - .09
l.c.l., dlvd. E. of Miss. R., lb. .07½- .11
dlvd. W. of Miss. R..lb. .07½- .10¼
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, dms., E. of Rockies, frt. alld., c.l..gal. .81 - —
l.c.l., same basis.....gal. .86 - —
tanks, same basis.....gal. .75 - —

Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Synthetic, tanks, Zone 1..gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .46¼- —
dms., c.l., Zone 1.....gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53¼- —
Zone 4.....gal. .54½- —
l.c.l. Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - —
25-lb. lots, bots.....lb. 2.35 - —
Benzoate, cns., 25 lbs.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 400 lbs., cyl. mach. mfrs. and jobbers..lb. .36 - —
service men and consumers. cyl..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United Sttaes. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.
Cinnamate, bls.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd..lb. .70 - —
Iodide, bots.....lb. 4.00 - 4.15
cns .....lb. .37 - .40
Salicylate, dms.....lb. .35 - .37
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis. lb. .28 - —
Methylcelluloses, specl, vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld..lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
std. vis (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
100 to 1,999 lbs., frt. alld..lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .28 - —
Methylcyclohexanone, 98-100%, dms., works..lb. .32 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrigeration, dms., works..lb. .18 - .22
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone, dms., tech., frt. pd. E. of Rocky Mts..lb. .09 - —
l.c.l., same terms.....lb. .09½- —
tanks, same terms.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11¼- —
Methylnaphthyl ketone, dom., cryst., cns..lb. 3.00 - 3.10
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton. 11.00 - —
180 mesh, containers extra, c.l., same basis..ton. 11.00 - —
l.c.l., same basis.....ton. 13.00 - —
250 mesr, containers extra, c.l., same basis..ton. 12.00 - —
l.c.l., same basis.....ton. 14.00 - —
325 mesh, containers extra, c.l., same basis..ton. 15 00 - —
l.c.l., same basis.....ton. 17.00 - —
400 mesh, containers extra, c.l., same basis..ton. 17.50 - —
l.c.l., same basis .....ton. 19.50 - —
Mica, dry grd., amber, No. quality, c.l..ton. 30.00 - —
l.c.l., 5,000 lbs .....ton. 40.00 - —
1,000 lbs.....lb. .02 - —
500 lbs.....lb. .02¾- —
100 lbs.....lb. .03 - —
refined, c.l.....ton. 20.00 - —
l.c.l., 5,000 lbs.....ton. 30 00 - —
paint, c.l.....ton. 55.00 - —
l.c.l., 5,000 lbs.....ton. 65 00 - —
white, No. quality, c.l..ton. 35.00 - —
l.c.l., 5,000 lbs.....ton. 45 00 - —
1,000 lbs.....lb. .02¼- —
500 lbs.....lb. .03 - —
roofing, c.l.....ton. 29.00 - —
l.c.l., 5,000 lbs.....ton. 39.00 - —
paint, c.l.....ton. 60.00 - —
l.c.l., 5,000 lbs.....ton. 70.00 - —
wet grd., paint or lacquer, c.l., lb. 04½- —
l.c.l. .....lb. 05 - —
paper, wall, or coated, c.l.lb. 04½- —
l.c.l. .....lb. .05 - —
rubber, c.l.....lb. .04½- —
l.c.l. .....lb. .04¾- —
biotite, c.l.....lb. .03¾- —
l.c.l. .....lb. 04¼- —

Mica, dry grd., is quoted in bags at the works; wet grd. mica in car-load lots ex whse. or frt. alld. E. and in less than car-load lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per pound higher west of the Mississippi.

Milk powder, skimmed,[1] roller, Zone A, bulk, and quantity, bbls...lb. .13½- —
Zone B, same basis.....lb. .13¾- —
spray, roller, Zone A, same basis..lb. .15½- —
Zone B, same basis.....lb. .15¾- —

Milk powder, skimmed, when sold by manufacturers to the U. S. Government or any agency thereof, is 1c. less than the

above prices on skimmed milk powder as sold to any consumer other than the U. S. Government or any agency thereof. Zone A is all states not included in Zone B. Zone B is Penna., N. Y., Md., Del., N. J., Conn., Mass., R. I., N. H., Vt., Me., and the Dist. of Columbia.

Milk powder, whole, roller, bbls., c.l..lb. .29 - —
l.c.l. .....lb. .29½- —
spray, bbls., c.l.....lb. .30 - —
l.c.l. .....lb. .30½- —
Milk sugar, bbls., c.l.....lb. .25 - —
l.c.l., 10 bbls. or over....lb. .26 - —
less than 10 bbls.....lb. .27 - —
Millet seed, yellow, bgs.....lb. .03¾- .04¼
early fortune, bgs.....lb. .03¾- .04¼
hulled, bgs. .....lb. .07 - .12
Mineral spirits (see Petroleum thinners and V. M. & P. naphtha).
Molasses, blackstrap, tanks, f.o.b. works, Area 1..gal. .13 - —
Area 2, same basis....gal. .13½- —
Area 3, same basis....ton.20.00 - —
Area 4, same basis....ton.24.20 - —
Area 5, same basis....ton.33.20 - —
Note—Area No. 1 is La., Fla., Tex. and Ga. Area No. 2 is N.Y., Penn., Md., Mass. and N.J. Area No. 3 is Ore., Wash. and Calif. Area No. 4 is Id., Utah, Mont., Colo., Wyo., Kan., S.D. and Neb., excluding Grand Island. Area No. 5 is Ind., Mich., Ohio, Wis., Minn., Ia. and Grand Island, Neb.
Molybdate orange (see Orange, molybdate).
Molybdenum metal,[6] kgs., 99%, powd..lb. 2.60 - 3.00
trioxide,[6] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dma., basis 100%, c.l., works...lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dma., works..lb. .17 - —
Monobutylamine, dma., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monoethanolamine,[6] dma., c.l., works..lb. .24 - —
l.c.l., dma.....lb. .26 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100%, dma., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monochlorobenzene, dma., c.l..lb. .05½- —
55 gals.....lb. .07 - —
10 gals.....lb. .08 - —
5 gals.....lb. .09 - —
tanks .....lb. .05 - —
Monoethylaniline, dma.....lb. .47 - —
Monomethylamine, dma.....lb. .65 - —
Monomethylpara-aminophenol-sulphate, dma..lb. 3.75 - 4.00
Monosodiumphophate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromide, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, powd., 5-oz. bots., oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dma., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
flowers, cns.....lb. 1.75 - 2.10
Musk, nat., Tonquin, grains, bots., oz.37.00 -40.00
synth, ambrette, cns., 100 lbs. or more..lb. 4.00 - 4.09
25 lbs. to 75 lbs.....lb. 4.10 - 4.19
5 lbs.....lb. 4.20 - 4.45
ketone, cns., 100 lbs. or more, lb. 4.15 - 4.25
25 lbs. to 75 lbs.....lb. 4.25 - 4.35
5 lbs.....lb. 4.40 - 4.70
xylol, cns., 100 lbs. or more..lb. 1.40 - 2.55
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Musk root, bls.....lb. 2.25 - 2.50
Mustard seed, California, brown, good, bgs..lb. .14½- .15
yellow, bgs.....lb. .08 - .08½
Montana, yellow, bgs.....lb. .05¾- .06¼
Roumanian, yellow.....lb. .06½- .06
Washington, yellow, bgs.....lb. .06 - .06½
Myrobalans, J1, bgs., f.a.s...ton.65.00 - —
J2, bgs. f.a.s.....ton.60.00 - —
Extract, liquid, 25%, bbls.....lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, bbls.....lb. No prices

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude,[6] dom., 74 deg., tanks, works..100 lbs. 2.75 - —
78 deg., tanks, works..100 lbs. 3.00 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..100 lbs. .09 - —
50-lb. cs., same basis....lb. .09¼- —
pkgs. (16-oz.), same basis..lb. .09½- —
(12-oz.), same basis...pkg. .07 - —
Neocinchophen, USP., 100-lb. lots, dms..lb. 7.00 - —
50-lb. lots.....lb. 7.05 - —
25-lb. lots.....lb. 7.10 - —
Nerolin, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid nicotinic).
Nickel,[6] carbonate, bbls.....lb. .36 - .36½
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] 100 lbs., dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide,[6] black, bbls.....lb .35 - .37
Salt,[6] bbls.....lb. .13 - .13½
Nicotine,[2] sulphate, 40%, dms., works, frt. alld..lb. .703 - —
10-lb. tins .....lb. .86½- —
Nicotinamide, 25 to 100-lb. lots, bots..lb. 7.00 - —
5-lb. lots, bots.....lb. 7.10 - —
Niger seed, bgs.....lb. .14½- .15
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb .07 - —
Nitrocellulose, ester-soluble,[6] 30-35, ¼ ½ sec., bbls., dry weight l.c.l., works .lb. .26 - —
5-6, 15-20 sec. and higher, bbls., dry weight, l.c.l., works .lb. .25 - —
Nitrocellulose prices are quoted on the basis of dry weight denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitroethane, dms. l.c.l., works.lb. .25 - —
Nitrogenous fertilizer material, dom., 10% ammon., bulk, f.o.b. Carrolville Wis unit-ton. 3.00 Nom.
Chemical. Ill., Nov.-Dec. shipments..unit-ton. 2.90 - —
Norfolk, Va. ...unit-ton. No prices
Nitromethane, lms., l.c.l., wks.lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane I, dms., l.c.l., works, lb. .25 - —
II, dms., same basis.....lb. .25 - —

Nutgalls,[6] Aleppo, bgs.....lb. No prices
Chinese, whole.....lb. .43 Nom.
Extract (see Gall extract).
Nutmegs,[3] E. I., bgs., cs.....lb. .42 - .45
West Indian, bgs.....lb. .35 - .36
Nux vomica, bls.....lb. .09 - .11
powd., bbls., bgs.....lb. .12 - .16

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .0355- —
tanks .....lb. .0325- —
Ocher (see Yellow)
Octanol,[1] 100-140° C., industrial grade, dms., c.l., G.S..gal. .15½- —
l.c.l., G.S.....gal. .29 - —
10 gals., G.S.....gal. .55 - —
tanks, G.S.....gal. .13 - —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artif. (see Benzaldehyde)
natural, USP, bots.....lb. 3.50 - 6.00
sweet, true, exp., dms., cns., lb. 1.70 - 2.00
Amber, crude, cns.....lb. No stocks
refd., cns. .....lb. No stocks.
Angelica, root. bots.....lb.140.00 - —
seed, bots.....lb.120.00 -140.00
Anilin (see A).
Anise, USP, cns., dms.....lb. 2.75 - 3.25
Apricot, kernel, cns.....lb. .38 - .55
Avocado, cns., dms.....lb. .80 - .95
Babassu,[1,5] tanks.....lb. .1110- —
Bay, W. I., 50-55% phenols, cns..lb. 1.55 - 1.85
Porto Rican, 55-60% phenols, cns..lb. 1.65 - 1.90
Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coopers...lb.22.00 -35.00
Brazilian, cns.....lb.10.00 -10.25
Birch (see Oil, sweet, birch).
Oil, birchtar, crude.....lb. 2.00 - 2.25
Bois de Rose, Brazil, cns....lb. 4.25 - 5.75
rectified, cns.....lb. No stocks
Bois le Rose, Brazil, cns....lb. 4.25 - 5.75
Mexican (see Linaloe, wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. 1.90 - 2.25
free from metal, cns.....lb. 2.05 - 2.10
rediatilled, cns.....lb. 2.20 - 2.30
Calamus, cns.....lb. No stocks
Camphor, sassafrassy, cns...lb. .45 - .55
dms. .....lb. No prices.
white, cns.....lb. .30 - .45
dms. .....lb. No prices.
dom., tech.....lb. .15 - —
Cananga, native, cns.....lb.13.00 -17.00
rectified, cns.....lb.17.50 -18.00
Capsicum (oleoresin), USP VIII, cns..lb. 3.75 - 5.50
Caraway, USP, cns.....lb.14.00 -17.00
Cardamom, bots.....lb.24.00 -34.00
Cassia, USP, cns.....lb.10.25 -12.00
Castor,[1,5] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls., c.l., lb. .14 - —
l.c.l. .....lb. .14½- —
cns. (1-gal.), l.c.l.....lb. .17¾- —
cns. (1-gal.), l.c.l.....lb. .15¾- —
dms. (returnable), c.l...lb. .13¾- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .13 - —
dehydrated, dms. .....lb. .1860- —
l.c.l. .....lb. .1900- —
extracted, No. 3, tech., bbls., c.l..lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms. (returnable), c.l....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (43% fat), dms., c.l..lb. .10 - —
Oil, castor, sulphonated, l.c.l..lb. .11 - —
75% (63% fat), dms., c.l., lb. .12¾- —
l.c.l. .....lb. .13¼- —
80% (68% fat), dms., c.l..lb. .12¾- —
l.c.l. .....lb. .13¼- —
Cedarleaf, USP, cns.....lb. 1.25 - 1.50
technical, cns.....lb. .90 - 1.10
Cedarwood, Southern, dms...lb. .65 - .95
Celery, bots.....lb.25.00 -30.00
Chaulmoogra, USP, cns.....lb. .68 - —
Chinawood,[1,5] dms.....lb. .39 - —
tanks .....lb. .3875- —
Cinnamon, bark oil, bots....lb.25.00 -40.00
leaf oil, dms.....lb. 2.25 - —
Citronella, Ceylon, cns.....lb. 1.25 - 1.50
Java, cns.....lb. 2.75 - 3.00
Clove, makers, USP, cns.....lb. 1.70 - 1.75
Coconut,[1,5] Manila, crude, bulk, c.l.f..lb. .0835- —
edible, ex tax.....lb. .0985- —
Cod,[4] Newf., dms.....gal. .90 - —
tanks .....gal. .85 - —
Codliver,[3] med., USP, 30-gal. bbls. or dms..bbl.30.00 -38.00
.....lb.22.50 -28.00
Corn,[1,5] crude, tanks, works.lb. .12¾- —
refd., bbls.....lb. .15½ Nom.
Cottonseed,[5] cooking, bbls....lb. .16¾- —
salad, bbls.....lb. .17 - —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. 4.50 - 6.50
Crude (see Petroleum, crude)
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb.12.00 - —
Degras (see D).
Dillseed, bots.....lb. 6.25 - 8.00
weed, bots.....lb. 5.85 - 6.25
Dip (see D).
Erigeron, cns.....lb. 2.10 - 3.85
Eucalyptus, 70-75%, cns.....lb. .94 - .98
80-90%, cns.....lb. 1.00 - 1.14
Fennel, sweet, cns.....lb. 3.25 - 4.50

TIO OIL TIO OIL TIO OIL TIO OIL TIO OIL TIO OIL TIO OIL TIO OIL TIO OIL TIO OIL

Worried about Shortages?

. . . investigate

TIO OIL

New Fast-Bodying Activated Linseed Oil

WITH China Wood, Oiticica, Perilla and other oils frozen or restricted, varnish formulators will find TIO OIL helpful in meeting drying specifications. A number of manufacturers have placed quantity orders after testing under actual kettle conditions.

This new actuated linseed oil comes in 3 viscosities—typical properties of each are given in table at right. All are fast-bodying—help reduce cooking time and fuel consumption.

For example, test batches of ester gum general purpose varnishes were made as follows, with linseed oil of Z2 viscosity as a control: Ester gum was heated with 80 gals. of base oil to 600° F., held for "hot paddle string," checked with 20 gals. base oil and thinned to 66% non-volatile. Results were:

Base Oil	*Processing Time*	*Varnish Visc. (G-H)*
TIO OIL, V.....	90 min.	U
TIO OIL, Z3.....	62 min.	W-
TIO OIL, 10-M	24 min.	X
Linseed Oil, Z2.....	114 min.	V

Seven-Ten Oil is quick setting and hard, through drying—facilitates production of rapid drying products with hard, tough films. It is *all* linseed—no special equipment or handling needed. For complete information and test samples address nearest branch office, below.

Physical Characteristics and Chemical Constants	Viscosity V	Viscosity Z3	Viscosity 10-M
Viscosity in Poises	9	46	600
Specific Gravity—15.5° C...	.9675	.9741	.9750
Weight per gal. (lbs.).....	8.06	8.11	8.12
Gallons per lb.	.1241	.1234	.1232
Acid Number	12	14	16
Iodine Number	143	134	110
Refractive Index	1.4881	1.4910	1.4918
Color (G)	15	15	15
Gel Time at 565° F.	99 Min.	55 Min.	20 Min.

NATIONAL LEAD COMPANY

New York, Buffalo, Chicago, Cincinnati, Cleveland, St. Louis, San Francisco, Boston (National Boston Lead Co.), Pittsburgh (National Lead & Oil Co. of Penna.) Philadelphia (John T. Lewis & Brothers Co.)

Oil, fishliver,[1,5] 6,000 to under 60,000 units per gram—per million units. .10 - —
60,000 to under 200,000 units per gram—per million units. .15 - —
200,000 or more units per gram—per million units. .25 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen leaf)
Geranium, Algerian, rose, cns., lb. 14.00 -18.00
Bourbon, cns. lb. 15.00 -20.00
Turkish (see Palmarosa).
Grapefruit, cns. lb. 1.85 - 2.05
Grapeseed, dom., dms. lb. .35 - .36
imported, dms. lb. .20 - .25
Ginger, dist., bots. lb. 20.00 -24.00
Guaiac wood, concrete, bots. lb. 4.50 - 4.75
Hemlock, cns. lb. 1.15 - 1.35
Juniper berry, cns. lb. 9.00 -16.00
wood, tech., cns. lb. 1.50 - 1.55
Juniper, tar, USP XI, dms. lb. 1.15 - 1.35
Lard,[3] common, 1, bbls. lb. .14 - —
extra, No. 1, bbls. lb. .14½- —
winter, strained, bbls. lb. .15 - —
prime, burning, bbls. lb. .16 - —
prime, lined., bbls. lb. .15½- —
Laurel, bots. lb. 5.00 Nom.
Lavandin, cns., 25 lbs. lb. 5.75 - 7.00
Lavender, flower, French, cns. lb. 8.25 -16.00
garden, cns. lb. .55 - .70
spike, Spanish, tech., cns. lb. 3.60 - 3.85
dms. lb. 3.50 - 6.75
Lemon, Calif., cns. lb. 3.25 - —
Messina, coppers, cns. No stocks
Terpeneless lb. 40.00 -55.00
Uruguay, to arrive, 10 kilo cans. lb. 6.00 - 6.25
Lemongrass, cns., dms. lb. 1.30 - 1.90

Oil, lime, dist., Mex., cns. lb. 7.25 - 7.70
Jamaica, cns. lb. 9.00 -11.50
expressed, Jamaica, cns. lb. 11.00 -13.50
Lignaloe, wood, Mexican, cns. lb. 3.25 - 3.50
Brazilian (see Bois de rose).
Linseed, raw, dms., c.l. lb. .1340- .1360
l.c.l. lb. .1360- —
5 to 9 lb. .1400- —
less than 5 lb. .1420- —
tankcar lb. .1300- .1320
tank wagon lb. .1320- .1340
Linseed oil drum shipments, plus $6 deposit per drum.
Boiled linseed oil, .004 over raw.
Lubricating,[1] at refinery, ex tax, California, neutrals, pale, 200-600 vis., 2½-4, tanks. gal. .07½- .11
red, 200-900 vis., 4-6½ plus, tanks. gal. .07½- .11½
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks. gal. .23½- .28
neutral, 150-800 vis., 3, 0-10 pour, tanks. gal. .14½- .18
200-280 vis., 3, 15-25 pour, tanks. gal. .15 - .17½
Oil, lub., at refinery, ex tax, Pennsylvania,[3] bright stocks, 8 color, 140-150 vis., 10-25 pour, tanks. gal. .24 - .30
cylinder oils, 600-630 flash, tanks. gal. .16 - .17
600-650 steam ref'd. tanks. gal. .15 - .15½
neutral, 70° F., 3 color, 200 vis., 0-25 pour, tanks, gal. .21 - .24
150 vis., 0-25 pour, tanks, gal. .23 - .26
Mace, dist. cns. dms. lb. 4.50 - 6.50
Mandarin, Brazilian, cns. lb. 6.75 - 9.00
Italian, coppers lb. 15.10 - —

Oil, menhaden,[1,5] crude, tanks, Balto. lb. .0880- —
ref'd, alkali, ret. dms. lb. .1270- .1300
kettle-bodied, ret. dms. lb. .1370- .1390
light-pressed, ret. dms. lb. .1170- .1190
tanks lb. .1060- .1100
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, bots., cns. lb. 1.60 - 1.70
Seed,[3] exp., dms. lb. .15 - —
Neatsfoot,[6] 15° c.t., bbls. gal. 1.90 - —
20°, bbls. gal. 1.80 - —
30°, bbls. gal. 1.60 - —
pure, bbls. lb. .18¼ Nom.
Neroli, bots. lb. 300.00-375.00
Nutmeg, dist., cns., dms. lb. 4.50 - 6.50
Officica,[1,3] liquid, dms. lb. .25 - —
solid, dms. lb. .23 - —
Oleo,[3] 1, bbls. lb. .13¾ Nom.
Olibanum, bots. lb. 4.50 - 5.00
Oil, olive,[5] denat., dms. gal. 3.50 - 4.00
edible, Calif., dms. lb. 4.35 - 4.50
imported, dms. lb. 4.35 - 4.60
foots, dms. lb. .19 Nom.
sulphonated, 50% (40% fat), dms. c.l. lb. No prices
l.c.l. lb. No prices
35% (69% fat), dms., c.l. lb. No prices
l.c.l. lb. No prices
30% (69% fat), dms., c.l. lb. No prices
l.c.l. lb. No prices
Orange, sweet, dist., cs. lb. 1.00 - —
expressed, Calif., cns. lb. 2.25 - —
Argentine, 10-kilo cns. lb. 3.00 - 3.25
Brazilian, cns. lb. 1.45 - 1.65
Florida, cns., dms. lb. 1.50 - 1.55
Messina, USP, coppers lb. No stocks
Mexican, sponge-pressed, cns., lb. 5.50 - 5.75
West Indian, cns. lb. 6.00 - 6.25
sesquiterpeneless, bots. lb. 195.00 - —

Oil, origanum, Spanish, cs. lb. 2.40 - 3.25
Palmarosa, cns. lb. 4.85 - 6.35
Palm,[1,3] Niger, bulk, c.i.f. lb. .0825- —
Paraffin,[1] 320° flash, 60-70 vis., tanks, G.S. gal. .05½- —
350° flash, 70-80@100 vis., 0/10 pour. gal. .06 - —
100-100 vis., 0/10 pour. gal. .06½- —
100-100 vis., 10/25 pour. gal. .06¼- —
80-85 vis., bbls., extra, ind. refy. gal. .12 - —
100-105 vis., bbls., extra, ind. refy. gal. .14 - —
300° flash, 100-110 vis., tanks, G.S. gal. .05⅝- —
Patchouli, cns. lb. 6.45 - 9.00
Peanut,[1,3] crude, tanks, mill. lb. .12 - —
refd., edible, bbls. lb. .17 Nom.
Pennyroyal, dom., cns. lb. 3.00 - 3.10
import, cns. lb. 2.50 - 3.00
Peppermint, natural, cns., dms. lb. 5.50 - 5.75
redist., USP, cns., dms. lb. 5.80 - 6.95
Perilla,[1,3] crude, dms. lb. .2450- —
Petitgrain, Paraguay, cns. lb. 1.75 - 2.60
dms. lb. 1.70 - 1.95
Pimento berry, cns. lb. 8.00 - 8.75
leaf, cns. lb. 4.75 - 5.25
Pine, tanks, works. gal. .55 - —
Pineneedle, Siberian, cns. lb. 3.00 - 3.25
Putty,[3] bbls., E. Segundo, Richmond, Cal. gal. .22½- —
contracts gal. .19½- —
dms., c.l., Whiting, Ind. gal. .24 - —
Boston, Providence, same basis. gal. .25 - —
l.c.l., same basis. gal. .27 - —
tanks, same basis. gal. .18 - —
Martinez, Cal. gal. .26 - —

* Extra for bbls. but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,3] denat., bulk, c.i.f. lb. .1150- —
Red,[3] dms., dlvd. lb. .12¼- .13¼
tanks, dlvd. lb. .11½- —
Rose, natural, coppers. oz. 15.50 -35.00
Rosemary, Spanish, cns. lb. 1.60 - 2.35
dms. lb. 1.50 - 2.25
Rosin, 1st rectified, dms. gal. .58 - —
2d rectified, dms. gal. .60 - —
3d rectified, dms. gal. .64 - —
Rue, bots. lb. 7.50 -12.50
Sage, Spanish, cns. lb. 3.50 - 3.75
Sandalwood, domestic, distilled, NF, cns. lb. 6.00 - 6.10
Mysore, cns., case lots. lb. 7.00 - 7.25
Sardine, crude,[1,3] tanks, Pac. Coast. lb. .0890- —
ref'd, alkali, ret. dms. lb. .1270- .1300
kettle-bodied, ret. dms. lb. .1370- .1390
light-pressed, ret. dms. lb. .1170- .1190
tanks lb. .1060- .1100
Sassafras, artif., cns. lb. 2.00 - 2.25
natural, dom., cns., dms. lb. 1.95 - 2.40
Savin, cns. lb. 16.00 - 24.00
Savory, cns. lb. 8.00 - 8.25
Sesame, tanks, Coast. lb. .15 Nom.
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works. gal. .20 - —
tanks, works. gal. .14 - —
Snakeroot, Canada, cns. lb. 12.75 - —
Soybean,[1,3] crude, tanks, mill, lb. .1175- —
clarif., dms., spot. lb. .1290- .1340
tanks lb. .1259- —
refd., varnish, dms. lb. .1360- .1400
tanks lb. .1340- —
Spearmint, dms. lb. 3.00 - 3.50
Sperm,[3] bleach, 38°, dms. lb. .1301- —
45°, dms. lb. .1278- —
natural, dms. lb. .1223- —
Spruce, cns., dms. lb. 1.15 - 1.35
Sunflower,[1,3] tanks. lb. .1430- —
Sweet birch, North, cns. lb. 4.75 - 6.00
South, cns. lb. 2.50 - 4.75
Tall, crude, dms., c.l., works, ton. 55.00 - —
l.c.l., works. ton. 60.00 -65.00
tanks, works. ton. 40.00 - —
refined, dms., c.l., works. lb. .05 - —
l.c.l., works. lb. .05½- —
tanks, works. lb. .04½- —
Tallow,[3] acidless, bbls. lb. 14¼- —
tanks lb. .13⅝- —
Tansy, cns. lb. 3.00 - 3.90
Tar, pine, com'l, dms., c.l., dlvd. E. cities. gal. .33 - —
l.c.l., E. cities. gal. .30 - —
tanks, dlvd. E. cities. gal. .24½- —
rectified, USP, bbls., l.c.l., dlvd. E. cities. gal. .60 - —
Tar acid (see T).
Teaseed,[1] crude, dms. lb. .29 Nom.
refd., dms. lb. .32 Nom.
Thyme, NF, red, cns. lb. 2.50 - 4.00
white, cns. lb. 2.85 - 4.75
Tung (see Oil, chinawood)
Turkey, red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns. gal. 8.50 - —
Vetiver, Java, bots. lb. 25.00 -40.00
Whale, ref., natural, dms. lb. .1070- —
Winter, bleach, dms. lb. .1110- —
Wheat germ, 100-gal. dms., dlvd. gal. 10.00 - —
25-gal. dms. gal. 12.50 - —
10-gal. dms. gal. 13.50 - —
5-gal. dms. gal. 14.00 - —
1-gal. dms. gal. 15.00 - —
White, mineral, dom., f.o.b. N. Y., tech., 50-65 vis., returnable dms., c.l. gal. .36 -
l.c.l. gal. .42 - .45
65/75 vis., c.l. gal. .36 - —
l.c.l. gal. .42 - .45
USP, 80/90 vis., dms., c.l. gal. .39 - —
l.c.l. gal. .45 - .49
95/105 vis., dms., c.l., gal. .44½- —
l.c.l. gal. .50½- .53½
125/135 vis., dms., c.l., gal. .49 - —
l.c.l. gal. .55 - .59
145/155 vis., dms., c.l., gal. .51 - —
l.c.l. gal. .57 - .60
175/185 vis., c.l. gal. .54½- —
l.c.l. gal. .60½- .63½
200/210 vis., c.l. gal. .58 - —
l.c.l. gal. .64 - .67
320/330 vis., c.l. gal. .65 - —
l.c.l. gal. .71 - .74
335/345 vis., c.l. gal. .66 - —
l.c.l. gal. .72 - .76
f.o.b. San Francisco, 55 vis., returnable bbls., c.l. gal. .40 - —
5 bbls. gal. .45 - —
85 vis., c.l. gal. .40 - —
5 bbls. gal. .45 - —
100 vis., c.l. gal. .40½- —
5 bbls. gal. .54½- —
145 vis., c.l. gal. .57 - —
5 bbls. gal. .62 - —
180 vis., c.l. gal. .60½- —
5 bbls. gal. .65½- —
340 vis., c.l. gal. .72 - —
5 bbls. gal. .77 - —
Russian gal. No prices
Wintergreen, natural, North, cns. lb. 5.50 - 8.50
South, cns. lb. 4.00 - 5.25
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns. lb. 2.75 - 3.00
Wormwood, cns. lb. 4.25 - 5.00
Ylang-ylang, Bourb., bots., cns., lb. 20.00 -28.00
Manila, bots. lb. 40.00 -45.00

STAMP OF APPROVAL

THERE is one stamp of approval that means something in this business and that is the approval of the buying public.

TO give your best and merit this stamp of approval (and the consumer patronage that goes with it) you must deliver a high quality, uniformly satisfying product.

USING our dependable quality, fairly priced raw materials is one of the most certain ways of achieving this.

For Rose Odors
BUTYL PHENYL ACETATE
Excellent in Rose Odors and Floral Odors generally.
Has fruity, floral characteristics and is very stable.
Economical to use and there still is an ample supply.

FOR VICTORY BUY UNITED STATES WAR BONDS AND STAMPS

Aromatics Division
GENERAL DRUG COMPANY
644 Pacific St., Brooklyn, N. Y.
9 S. CLINTON ST., CHICAGO 1019 ELLIOTT ST., W. WINDSOR, ONT.

Olivine, aggregate, c.l., mines,	ton.	7.00	-11.00
Lumps, same basis	ton.	7.00	- —
Spalls, same basis	ton.	5.00	- —
crushed, 8 mesh, bulk, c.l., works	ton.	8.00	- —
paper bgs., c.l., works	ton.	9.50	- —
325 mesh, c.l., mines	ton.	20.00	- —
200 mesh, c.l., mines	ton.	17.00	- —
100 mesh, c.l., mines	ton.	15.00	- —
20 mesh to dust	ton.	12.00	- —
Opium gum, USP, 50-lb. lots, cns.	lb.	13.00	- —
25-lb. lots, cns.	lb.	13.25	- —
5-lb. lots, cns.	lb.	13.50	- —
1-lb. lots, cns.	lb.	13.65	- —
Prices on powd. and gran. USP opium are $1.50 per pound higher.			
Orange, Lake, Persian, bbls.	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.12¼	- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.12¾	- —
5 tons, dlvd. Colo., Mont., N. M., Wyo.	lb.	.12½	- —
dlvd. other points	lb.	.12	- —
smaller lots, dlvd., Ala., etc.,	lb.	.12¾	- —
Ariz., etc.	lb.	.12¼	- —
Colo., Mont., N.M., Wyo.,	lb.	.13	- —
French, Tours, casks, ex dock,	lb.	No prices	
kgs., ex dock	lb.	No prices	
Molybdate,[5] bbls.	lb.	.31	- —
Toner, bbls.	lb.	.80	- 1.05
Orangeflower petals, cs.	lb.	.45	- .75
Orange peel, bitter, bbls.	lb.	.30	- .31
sweet, bls.	lb.	.15	- .17
Haitian, bgs.	lb.	.09	- .10
Oregano, Mexican, bgs.	lb.	.15¾	- .16
Orris root, whole	lb.	1.00	- 1.25
powd., bbls., bxs.	lb.	1.10	- 1.35
Orthoamyiphenol, c. l., dms., works	lb.	.25	- —
Orthoanisidin, bbls.	lb.	.70	- —
Orthochloroanilin, dms.	lb.	.60	- .70
Orthochlorophenol, dms.	lb.	.32	- —
Orthocresol,[6] 30.4°C. Min. M. P., dms., c.l., works	lb.	.17½	- .18
l.c.l., same basis	lb.	.18	- .18½
Orthocresol, 29° Min. M. P., dms., c.l., works	lb.	.16½	- .17
l.c.l., same basis	lb.	.17	- .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.06	- .07½
l.c.l., same basis	lb.	.07	- .08½
100-lb. tins, same basis	lb.	.08	- .09
50-lb. tins, same basis	lb.	.09	- .10
tanks, same basis.	lb.	.05½	- .06¼
Orthodichlorobenzene prices west of Rockies 1c per lb. higher.			
Orthonitroanilin, dms.	lb.	.45	- —
Orthonitrochlorobenzene, dms.	lb.	.15	- .16
Orthonitroparachlorophenol, cns.	lb.	.75	- —
Orthonitrotoluene, dms.	lb.	.09	- —
Orthophenetidin, dms.	lb.	.82	- —
Orthotoluidin, dms.	lb.	.19	- —
Osage orange, crystals, bgs.	lb.	.23	- —
extract, bbls., No. 1	lb.	.11	- —
No. 2	lb.	.10	- —
Oxyquinolin sulphate, cns., 100 lbs., works	lb.	2.50	-
bots., cns., 1-50 lbs.	lb.	3.75	- 4.15

P

Papain, powd., cs.	lb.	4.00	- 4.25
Paprika,[1] Portuguese, extra fancy, bgs.	lb.	.38½	- .39
good, bgs.	lb.	.37	- .38
Spanish, extra fancy, cs.	lb.	.51	- .52
good, bgs.	lb.	.42	- .43
medium, cs.	lb.	.41	- .42
Parachlorophenol, dms.	lb.	.32	- —
Paracymene, refd., dms.	gal.	.75	- .78
Paradichlorobenzene, dms., c.l.	lb.	11	- 13
l.c.l.	lb.	12½	- 17
Paraffin,[2] crude scale and semi refined, 122-124 A.M.P., slack bbls. or solid in 100-kilo bgs., 10,000 lbs., f.o.b. refinery	lb.	04½	- —
124-126 A.M.P., same basis	lb.	.04¾	- —
126-128 A.M.P., same basis	lb.	.04½	- —
128-130 A.M.P., same basis	lb.	.04¾	- —
130-132 A.M.P., same basis	lb.	.05	- —
132-134 A.M.P., same basis	lb.	.05¼	- —
134-136 A.M.P., same basis	lb.	.05½	- —
Paraffin, fully refd., 120-122 A.M.P., bbls., slabs, loose, same basis	lb.	.05	- —
123-125 A.M.P., slabs, loose, same basis	lb.	.0520	- —
120-122 A.M.P., slabs, loose, same basis	lb.	.0520	- —
128-130 A.M.P., slabs, loose, same basis	lb.	.0560	- —
130-132 A.M.P., slabs, loose, same basis	lb.	.0585	- —
131-133 A.M.P., slabs, loose, same basis	lb.	.0585	- —
133-135 A.M.P., slabs, loose, same basis	lb.	.0615	- —
135-137 A.M.P., slabs, loose, same basis	lb.	.0640	- —
138-140 A.M.P., slabs, loose, same basis	lb.	.0715	- —
141-143 A.M.P., slabs, loose, same basis	lb.	.0765	- —
143-145 A.M.P., slabs, loose, same basis	lb.	.0810	- —
145-150 A.M.P., slabs, cartons, same basis	lb.	.0860	- —
146-148 A.M.P., slabs, loose, same basis	lb.	.0830	- —
149-151 A.M.P., slabs, loose, same basis	lb.	.1045	- —
160-165 A.M.P., f.o.b. refinery, San Francisco, c.l.	lb.	.14	- —

Paraffin wax, crude and semi-refined, packed in 50-kilo bgs., is 10 points per lb. higher; prices on slabbed material are 20 points per lb. higher than on solid. Tankcar prices are 30 points less than barrel prices. Fully refined wax in bags is 40 points higher than slabs loose; fully refined wax in tankcars is 5 points lower than slabs loose prices.

Paraformaldehyde,[8,9] dms., 1,000 lbs. or more, shipments, f.o.b Perth Amboy Philadelphia or N.Y.C.	lb.	.23	- —
100 to 900 lbs., shipments, same basis	lb.	.24	- —
Paranitrophenol, kgs.	lb.	.35	- —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., works	lb.	.12	- —
5 and 10-gal. dms., works	lb.	.15	- —
USP, cns., cbys.	lb.	.87	- .95
Paranisidine, dms.	lb.	.75	- —
Paranitroanilin, kgs., works	lb.	.45	- —
Paranitrochlorobenzene, kgs.	lb.	.15	- —
Paranitrotoluene, kgs.	lb.	.30	- —
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls	lb.	.70	- —
Paratoluidin, bbls.	lb.	.48	- —
Pareira brava root, bls.	lb.	.21	- .22
Paris green, dealer, dms., kegs, c.l., f.o.b. wks., frt. alld.	lb.	.24	- .26
l.c.l., same basis	lb.	.25	- .27
Passion flower, herb, bls.	lb.	.07	- .08
Patchouli leaves, bls.	lb.	.35	- .40
Peanut meal, 45-47% protein, Southern Alabama-Georgia mills, February delivery	ton.	35.00	- —
48-50%, same basis	ton.	37.00	- —
51% or more, same basis	ton.	39.00	- —
Pectin, 200-lb. bbls.	lb.	.80	- —
Pellitory root, bls.	lc.	.65	- .70
Pennyroyal leaves, bls.	lb.	.15	- .16
Pentachlorophenol, dms., works,	lb.	.20	- .25
Pentaerythritol, C.P., bbls., dlvd.,	lb.	.75	- —
less than barrel lots	lb.	1.00	- —
tech., bbls., dlvd.	lb.	.33½	- 35½
less than barrel lots	lb.	.40	- —
Tetra acetate, bbls., dlvd.	lb.	1.00	- —
less than barrel lots	lb.	1.50	- —
Pentanes,[1] 28°38° C., industrial grade, dms., c.l., G.S.	gal.	.11	- —
l.c.l., G.S.	gal.	.19	- —
tanks, G.S	gal.	.06½	- .07¼
laboratory grade, dms., c.l., G.S.	gal.	.16	- —
l.c.l., G.S.	gal.	.29	- —
10 gal., G.S.	gal.	.55	- —
Pepper, black,[1] 15 tons, bgs.	lb.	.0670	- .0675
50 to 100 bgs.	lb.	.0705	- .0715
White,[1] 15 tons, bgs.	lb.	.1161	- —
24 bgs.	lb.	.1295	- .1305
red, chillies, dom., Carolina longs, bgs.	lb.	.18½	- .19
Mombasa, bgs.	lb.	.23	- .24
Sierra Leone, bgs.	lb.	.23½	- .25
Peppermint leaves, dom., bls.	lb.	.40	- .45
import, bls.	lb.	.96	- 1.10
Perchlorethylene,[3] dms., c.l., works, frt. alld., zone 1,	lb.	.06	- —
l.c.l., same basis	lb.	.06¼	- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.06¼	- —
l.c.l., same basis	lb.	.09	- —
Perchlorethylene, Zone 3, dms., c.l., works, frt. alld.	lb.	.09	- —
l.c.l., same basis	lb.	.09½	- —
Zone 4, dms., c.l., f.o.b. stock point	lb.	.09	- —
l.c.l., same basis	lb.	.09½	- —

All prices on perchlorethylene are frt. alld with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru balsam, dms.	lb.	1.40	- 1.45
Petrolatum, USP XII, amber, fiber dms., non-returnable, c.l., f.o.b. New York	lb.	.03¾	- —
l.c.l., same basis	lb.	.04½	- —
extra amber, c.l., same basis,	lb.	.03¾	- —
l.c.l., same basis	lb.	.04¾	- —
cream, c.l., same basis	lb.	.04¾	- —
l.c.l., same basis	lb.	.06¼	- —
yellow, soft, c.l., same basis,	lb.	.03¾	- —
l.c.l., same basis	lb.	.04¾	- —
white, USP XII, lily, c.l., same basis	lb.	.05½	- —
l.c.l., same basis	lb.	.07	- —
snow, c.l., same basis	lb.	.06¼	- —
l.c.l., same basis	lb.	.07¾	- —
soft, c.l., same basis	lb.	.05¼	- —
l.c.l., same basis	lb.	.06¼	- —
Petrolatum, dark, bbls., returnable, c.l., Group 3	lb.	.021	- —
l.c.l., same basis	lb.	.025	- —
golden topaz, c.l., same basis,	lb.	.032	- —
l.c.l., same basis	lb.	.036	- —
red veterinarian, c.l., same basis	lb.	.024	- —
l.c.l., same basis	lb.	.028	- —
Petroleum, crude, bulk, at wells, California, gravity 18-18.9 and below	bbl.	.80	- —
30-30.9 and above	bbl.	1.23	- —
Illinois basin	bbl.	1.37	- —
Louisiana-Arkansas	bbl.	.86	- 1.36
Oklahoma-Kansas, gravity 20-20.9 and below	bbl.	.75	- —
40 and above	bbl.	1.25	- —
Pennsylvania, Bradford-Allegany	bbl.	3.00	- —
Buckeye lines	bbl.	2.55	- —
Corning	bbl.	1.31	- —
Eureka lines	bbl.	2.59	- —
N.Y. Transit lines	bbl.	3.00	- —
National Transit lines,	bbl.	3.00	- —
S.W. Penn. lines	bbl.	2.65	- —
Texas, Conroe	bbl.	1.43	- —
East	bbl.	1.25	- —
Gulf Coast, gravity 19-19.9 and below	bbl.	1.06	- —
40 and above	bbl.	1.48	- —
Pecos County	bbl.	.95	- —
West (and Lea County, N. M.), gravity 19-19.9 and below	bbl.	.70	- —
gravity 40 and above.	bbl.	1.12	- —
Wyoming, Lance Creek	bbl.	1.12	- —
Ether, laboratory grade, 30-60°C., c.l.	lb.	.18	- —
l.c.l.	gal.	.29	- —
10 gals.	gal.	.55	- —
35-60°C., l.c.l.	gal.	.29	- —
10 gals.	gal.	.55	- —

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l.c.l. .....gal. .29 - —
10 gals.....gal. .55 - —

Petroleum ether prices are spot quotations f.o.b. Group 3, for material packed in drums

Fuel oil, at refinery:—
Oklahoma, No. 3, tanks..gal. .03½- —
No. 6.....bbl. .80 - .90
14-16 .....bbl. .95 - —
Group 3, No. 3, tanks....gal. .03½- —
No. 5.....bbl. .85 - —
No. 6.....bbl. .80 - .85
Kansas, No. 6.....bbl. .85 - .90
Arkansas, No. 3, tanks..gal. .03½- —
Pennsylvania, No. 1, tanks, gal. .05⅞- .07⅞
No. 2.....gal. .05⅞- .07⅞
No. 3.....gal. .05⅞- .07⅞
California, heavy.....bbl. .80 - .90
light .....bbl. .85 - 1.00
diesel, tanks.....gal. .03 - .05
Bunker fuel oil, f.o.b. New York harbor..bbl. 1.65 - —
Philadelphia .....bbl. 1.65 - —
Portland, Me. .....bbl. 1.65 - —
Boston, Mass. .....bbl. 1.65 - —
Charleston, Mass. .....bbl. 1.60 - —
Savannah, Ga. .....bbl. 1.60 - —
Norfolk, Va. .....bbl. 1.65 - —
Providence, R. I. .....bbl. 1.65 - —
Baltimore, Md. .....bbl. 1.65 - —
Jacksonville, Fla. .....bbl. 1.60 - —
Port Tampa, Fla.....bbl. 1.55 - —
New Orleans, La.....bbl. .85 - —
Port Arthur, Tex.....bbl. .85 - —
Houston, Tex. .....bbl. .85 - —
Texas City.....bbl. .85 - —
Lacquer diluent, at refinery:—
California, 100 l.b.p., 200 e.p., tanks, dlvd. Los Angeles, gal. .11 - —
Fort Wellea, Wash.. ..gal. .12 - —
San Francisco.....gal. .11½- —
Willbridge, Ore.....gal. .12 - —
East Coast, N. Y., tanks, gal. .11 - —
N. J., tanks.....gal. .11½- —
Group 3, benzol type, tanks, cars..gal. .07⅞- —
toluol type, tanks.....gal. .07⅞- .08⅛
Mineral spirits, at refinery, California (f.o.b. San Francisco), 162-252 b.r., tanks, gal. .10½- —
193-290 b.r., tanks...gal. .10¼- —
240-397 b.r., tanks...gal. .10⅛- —
312-408 b.r., tanks...gal. .09 - —
362-458 b.r., tanks...gal. .08 - —
East Coast, N. Y., tanks, gal. .10 - —
N. J., tanks.....gal. .10 - —
Group 3, tanks.....gal. .06½- —
Gulf Coast, tanks, tankwagon, Baltimore, 28-100 gals..gal. .13 - —
100 gals. or more .....gal. .12 - —
Boston .....gal. .13 - —
Bridgeport, Conn .....gal. .1320- —
Buffalo .....gal. .1340- —
Camden, N. J. .....gal. .11 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1350- —
Hartford .....gal. .1330- —
Kansas City, Mo.....gal. .1480- —
Lancaster, Pa.....gal. .12 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1[illegible]- —
Newark (200 gal.).....gal. .1[illegible] - —
New York (200 gal.)....gal. .1[illegible] - —
Philadelphia .....gal. .1[illegible] - —
Pittsburgh .....gal. .12 - —
Providence .....gal. .13 - —
Rochester .....gal. .1320- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Washington, D. C.... gal. .1[illegible] - —
Wilmington, Del..... gal. .13 - —
Naphtha, cleaners, at refinery:—
California (f.o.b. San Francisco), tanks..gal. .1[illegible] - —
East Coast, N. Y., tankcars..gal. — - —
N. J., tankcars.....gal. .1[illegible] - —
Group 3, tankcars.....gal. .07½- —
Gulf Coast (f.o.b. New Orlans), tankcars..gal. .1[illegible] - —
tankwagon, Boston.....gal. .1[illegible] - —
Bridgeport .....gal. .1[illegible] - —
Chicago .....gal. .1[illegible] - —
Detroit .....gal. .1[illegible] - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1430- —
Newark .....gal. .12 - —
New York.....gal. .12 - —
Philadelphia .....gal. .1[illegible] - —
St. Louis.....gal. .1470- —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal. .21¼- —
No. 2, over 90% arom., same basis..gal. .21¼- —
No. 3, same basis.....gal. .22¼- —
No. 5, tanks, f.o.b. Bayway, N. J., frt. alld..gal. .228 - —
No. 30, tanks, f.o.b. Kingsland, N. J., frt. alld..gal. .228 - —
No. 40, tanks, f.o.b. Wilmington, Cal.....gal. .13½- —
V.M.&P., at refinery:—
California, 46.5, 354 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-77, 190 l.b.p., 310 e.p., tanks, dlvd. Los Angeles .....gal. .10 - —
dlvd. Los Angeles...gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle.gal. .11 - —
East Coast, N. Y., tanks, gal. .11 - —
N. J., tanks.....gal. .11 - —
Group 3, tanks.....gal. .07½- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston....gal. .13 - —
Chicago .....gal. .1350- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1520- —
Newark (200 gal.).....gal. .125 - —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —
Solvent, rubber, at refinery, California (f.o.b. San Francisco)..gal. .24 - —
East Coast, N. Y., tanks.gal. .11 - —
N. J., tanks.....gal. .11 - —
Group 3, tanks.....gal. .07½- —
Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. Y., tanks, gal. .09½- —
N. J., tanks.....gal. .09½- —
Group 3, tanks.....gal. .06⅝- —
tankwagon, Baltimore...gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1360- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Phenobarbital, 5-lb. tins.....lb. 3.60 - 3.70
dms., 100 lbs., spot or contract, lb. 3.50 - —

Phenol,[a] USP, dms., c.l., works, frt. equald..lb. .10½- —
l.c.l., same basis.....lb. .11½- —
tanks, same basis.....lb. .09½- —
Phenolphthalein, USP, bbls.,dms., 2,000-lb. lots..lb. .88 - —
bbls., dms., kgs., 100-250 lbs., lb. .87 - .9[illegible]
yellow, fib. dms., 2,000-lb. lots, lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenothiazin, Unmodified, fib. dms., incl., 2,000-lb. shipt. lb. .55 - —
150 lbs., same terms....lb. .65 - —
100 lbs., same terms....lb. .67 - —
50-lbs., same terms.....lb. .70 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 4.50 - 5.00
dimethylacetate, cns.....lb. 14.50 - 15.00
Phenylethyl acetate, cns.....lb. 5.00 - 5.25
Phenylethylphenyl acetate, bots., lb. 8.00 - 15.00
Phenylhydrazin, base, CP, bots., lb. 4.85 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works...lb. 1.75 - —
Phloroglucinol, CP, tins, wks..lb. 20.00 - 22.00
tech., tins, works.....lb. 15.00 - 16.00
Phosgene, ton lots, works....lb. .19 - —
Phosphate rock, Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% B. P.L., according to provisions of Maximum Price Regulation 240, bulk, f.o.b. cars, mine, c.l....long ton. 2.00 - —
70%-68% B.P.L., M.P.R. 240 provisions, same basis..... long ton. 2.40 - —
72%-70% B.P.L., M.P.R. 240 provisions, same basis..... long ton. 3.00 - —
75%-74% B.P.L., M.P.R. 240 provisions, same basis..... long ton. 4.00 - —
77%-76% B.P.L., M.P.R. 240 provisions, same basis..... long ton. 5.00 - —
finely ground, M.P.R. 240 provisions, same basis..... short ton. 2.75 - —
68%, basis 31% P_2O_5 minimum..short ton. 3.00 - —
70%, basis 32% P_2O_5 minimum..short ton. 3.25 - —
All pebble 50c. per ton higher than above prices.
Tenn., brown, unground, run-of-mine, washed, dried, 68%-66% B.L.P., f.o.b. cars, mines, c.l. ..long ton. 4.20 - —
70%-68% B.P.L., 5% I. & A., M.P.R. 240 provisions, same basis..... long ton. 4.80 - —
72%-70% B.P.L., 5½% (& M.P.R. 240 provisions, same basis..long ton. 5.30 - —
finely ground rock, M.P.R. 240 provisions, same basis..... short ton. 4.40 - —
80% P_2O_5, same basis..... short ton. 4.70 - —
31% P_2O_5, same basis..... short ton. 4.80 - —
32% P_2O_5, same basis..... short ton. 5.00 - —
33% P_2O_5, same basis..... short ton. 5.50 - —
Phosphorus, red, amorphous, a. lb. 0 - .44
tins for export..... lb. — - —
yellow,[a] dms..... lb. - - .20
cases..... lb. - - .25
Oxychloride,[a] cyls..... lb. .5 - .15
Pentoxide, dms., c.l., works...lb. .11 - —
l.c.l., dms., works.....lb. .13 - .14
Sesquisulfide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., wks., ton..lb. .35 - —
single, bbls., works.....lb. .40 - —
kgs. works.....lb. .45 - .50
Phthalic anhydride,[a] bbls., c.l., works, frt. alld. E. of Miss. R.—lb. .14½- —
l.c.l., same basis.....lb. 15½- —
Pichi leaves, bgs.....lb. .38 - .00¼
Picrotoxin, bots.....oz. 8.00 - —
Pilocarpine hydrochloride, bots., vis..oz. 3.90 - 5.25
Nitrate, bots., vis.....oz. 3.80 - 5.15
Pimento,[1] Jamaica, bgs.....lb. .25½- .26½
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. .63 - .80
Pitch, burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works...ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
Hardwood, 1-time, dms., c.l., dlvd., Akron...ton. 28.75 - 24.60
Linseed, dms.....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pitch, pine, dms.....100 lbs. 2.25 - —
stands, 200 lbs.....stand. 6.00 - —
Plaster of paris (see Gypsum).
Pleurisy root, Southern, bls...lb. .12 - .13
Podophyllin, dms., dlvd. E. of Miss..lb. 8.75 - 9.00
Pokeroot, bbls.....lb. .10 - .11
Polyamyl naphthalene, l.c.l., dms., works..lb. .28 - —
Pomegranate bark, bgs.....lb. 1.05 - 1.10
Root bark, bgs.....lb. .80 - .85
Poppy flowers, red, bls.....lb. .65 - .85
seed, Dutch, bgs.....lb. .50 - .52
Indian, white, bgs.....lb. .03½- .03¾
Turkish, bgs.....lb. .34½- .35
Potash, abietate.....lb. .28 - —
Acetate, USP, bbls., 250 lbs..lb. .28 - —
cns., 25 lbs.....lb. .31 - .44
Arsenite,[a] USP, solut., 100-lb. lots, cbys., dems...lb. .13 - .15
Bicarbonate, USP, cryst., or gran., bbls., kgs., 300 lbs. lb. .19 - .21
gran., bbls., kgs., 250 lbs.lb. .19 - .21
Bichromate,[a,c] spot, c.l., cks., bbls., works..lb. .09⅝- —
6 casks or 10 bbls., or over, works...lb. .09⅝- —
5 casks or 9 bbls., or less, works...lb. .10 - —
Potash bichromate in bgs., ¼c. less.
Bromide, USP, gran., bbls., 500 lbs...lb. .27 - .31
kgs., 100 lbs.....lb. .28 - .32
Carbonate, calc., dms., c.l., works...lb. .08¼- —
l.c.l., same basis.....lb. .09⅝- —
hydrated, 83-85%, bbls., c.l., works...lb. .06¼- —
l.c.l., same basis.....lb. .05⅝- —
liquid, dms., c.l., works, frt. alld...lb. .08 - —
l.c.l., dms., same basis.lb. .08¼- —
tanks, same basis.....lb. .07⅝- —
USP, gran., bbls., 325 lbs...lb. .14 - .16
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works...lb. .07 - —
l.c.l., works.....lb. .07½- —
liquid, 45% basis, dms.....lb. .03½- .03⅝
tanks .....lb. .02⅝- —
solid, 88-92%, dom., dms., c.l., works...lb. .06¼- —
l.c.l. .....lb. .06½- .06⅝

Potash, chlorate,[a,c] cryst., kgs., works..lb. .11 Nom.
powd., kgs., works.....lb. .09⅝- .10
Chloride, tech., 98%, cryst., bgs., kgs..lb. .98 Nom.
Chromate,[a,c] bgs.....lb. .24 - .27
Citrate, USP, gran., 250-lb. bbls., lbs..lb. .33½- —
100-lb. dms.....lb. .34½- —
25-lb. dms.....lb. .35½- —
25-lb. dms.....lb. .37½- —
powd., 3c. per lb higher.
Cyanide, dom., dms., works..lb. .55 - —
gold, 41% gold, bots., works os. 14.20 - 14.85
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.50 - 1.63
100-lb. lots.....lb. 1.60 - 1.63
50-lb. lots, chys. or cns..lb. 1.65 - 1.67
25-lb. lots, cns.....lb. 1.75 - 1.77
Guaiacolsulphonate, NF, fib. dms., 100-lb. lots..lb. 1.75 - —
Hydroxide, USP, sticks, dms., 100 lbs. to 1,000 lbs..lb. .34 - .36
Hypophosphite, cns., 100 lbs..lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., or cans.....lb. 1.44 - 1.48
dms.....lb. 1.35 - 1.38
Kainit, 20%, K_2O, bulk, ex vessel, Atlantic or Gulf ports, ton. No prices
Manure salt, dom., 22%, K_2O, f.o.b. Carlsbad, N. M., unit-ton. .20 - —
25% K_2O, same basis..unit-ton. .21 - —
import, 30%, K_2O, bulk, ex vessel, Atlantic or Gulf ports..ton. No prices
Metabisulphite, kgs.....lb. .16 - .19
CP, cryst., 300-lb. bbls.....lb. .34 - —
purified, 300-lb. bbls.....lb. .23 - —
Muriate, dom., 60-62-63%, K_2O, bulk ex vessel, ports..... unit-ton. .53½- —
granular, 50-52% K_2O.unit-ton. .56 - —

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex vessel price; basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.

Oxalate, pure, cryst., kgs....lb. .40 - .42
tech., bbls., dms.....lb. .28 - .30
Nitrate, crude, bgs., c.l.f. ports, ton. No prices
Perchlorate,[a,c] kgs., works..lb. .09¼- .11
Permanganate, tech., dms., works..lb. .20¾- .22
USP, dms., works.....lb. .21¾- .22¾
Prussiate, red, bbls., dms...lb. .70 - .76
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate alkaline, lumps, bgs., works..lb. .07 - —
glass, bgs., c.l.....ton. 290.00 - —
l.c.l. .....100 lbs. 15.25 - —
solution, 20°Be., ret. dms., c.l., works...100 lbs. 4.25 - —
l.c.l., 5 or more, works, 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works 100 lbs. 4.75 - —
l.c.l., 5 or more, works, 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works...100 lbs. 5.75 - —
l.c.l., 5 or more, works, 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, powd., 560 lbs., bbls..lb. .15 Nom.
100-lb. kgs.....lb. .17 - —
Prices on granular 4c. higher.
tech., dom., bulk basis, 90-95%, K_2SO_4, min. 90%, ex vessel, Atl. or Gulf ports, ton. 36.25 - —
Sulphocyanide, C.P., dms....lb. .75 - .85
N.F., dms.....lb. .55 - .65
Xanthate, dms., c.l.....lb. .12 - —
Potash-magnesia, sulphate, dom., bulk, min. 40%, K_2SO_4, 18.50% MgO, ex vessel, ports. ton. 26.00 - —
Potash-soda ferricyanide, dms. works...lb. .40 - .42
Potash-titanium oxalate, 550-lb. bbls..lb. .48 - —
100-lb. dms.....lb. .50 - —
Prickly ash bark, bls.....lb. .11½- .12
Berries, bgs.....lb. .23 - .25
Prince's pine herb, bls.....lb. .82 - .83
Procaine, hydrochloride, 25-lb. cns. lb. 8.00 - —
5-lb. cans.....lb. 8.25 - 8.50
1-lb. bots.....lb. 8.75 - —
Propane,[1] industrial grade, tanks, f.o.b. Group 3..gal. .03 - .03¼
Psyllium seed (see Pleasseed).
Pulsatilla, bls.....lb. 1.10 Nom.
Pumice, dom., grd., fine, 4F, 3F, 2F, F, O, bgs., f.o.b. Chicago, 2,000 lbs. and up. lb. .04 - —
600-1,999 lbs.....lb. .04¼- —
100-599 lbs.....lb. .04⅝- —
New York, 2,000 lbs. and up, lb. .03⅝- —
500-1,999 lbs.....lb. .03⅝- —
100-499 lbs.....lb. .04 - —
coarse, O¼ ⅛, 1, 1½, 2, 3, bgs., f.o.b. Chicago, 2,000 lbs. and up..lb. .04¼- —
600-1,999 lbs.....lb. .04½- —
100-599 lbs.....lb. .05 - —
New York, 2,000 lbs. and up..lb. .03⅝- —
500-1,999 lbs.....lb. .03⅞- —
100-499 lbs.....lb. .04¼- —
imp., Italian.....lb. No prices
Pumice stone packed in barrels is ¼c. per lb. higher than the above prices.
Pumpkin seed, bgs.....lb. .12 - .13
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum[a] concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 cc., dms., dlvd., gal. 5.75 - —
(30 to 1), 3 grams pyrethrins per 100 cc., dms., dlvd..gal. 8.53 - —
Pyrethrum[a] flowers, coarse, grns., (g.f.p.) 0.9% pyrethrins, frt. alld., bbls..lb. .27 - .28
fine powd., 0.5 pyrethrins, frt. alld., bbls..lb. .23 - —
fine, grd., 0.9% pyrethrins, bbls..lb. .29 - —
1.3 pyrethrins, frt. alld., bbls..lb. .39 - —
Pyridin,[a] denaturing, dms....gal. 1.71 - —
refd., 2°, dms.....lb. .46 - —
Pyrites, Spanish, bulk, f.a.s. Atl. ports..unit-ton. No prices
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l., mines..ton. 10.00 - —
325 mesh, same basis....ton. 13.00 - —
No. 3, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis....ton. 11.00 - —

Pyroxylin scrap amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
china, white, ivory, cs., works, lb. .13 - —
dense, white, cs., works....lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaques, cs., works..lb. .04 - —
translucent pastels, c.s., works, lb. .10 - —
transparent, cs., works.....lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works...lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, dom., bls.....lb. .06 - .08
Quebracho extract, solid, 63%, bgs., c.l., ex dock, plus duty, lb. .04½- —
clarified, 54%, bgs., c.l., same basis..lb. .05 - —
dissolved, 35% tan., bbls., works..lb. .04½- —
tanks, works.....lb. .04 - —
ground, bgs., c.l.....lb. .06¼- —
l.c.l., bgs.....lb. .09 - —
Queen of the meadow leaves, bgs..lb. .12 - .13
Root, bgs.....lb. .10 - .11
Quercitron, crystals, bgs.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09¼- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1,4] dom., flasks (76 lbs. net), f.o.b. shipment point in Cal., Ore., Wash., Idaho, Utah, Nev., and Ariz..flask. 191.00 - —
Tex. and Ark.....flask. 198.00 - —
Quicksilver freight $4.28 per flask to N. Y.; dealers' commission, 1%; brokers, 2%.
Quince seed, bxs.....lb. 1.50 - 1.75
Quinidine,[a] NF V, cryst., cns.oz. 1.06 + .13½[c]
powd., precip., cns.....oz. 1.01 + .13½
Sulphate, USP, cns.....oz. .71 + .13½

[a] Subject to surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[a] 100 oz., cns.....oz. .84 + .13½[c]
Acetate, cns.....oz. 1.05 + .13½
Arsenate, cns.....oz. 1.05 + .13½
Arsenite, cns.....oz. 1.07 + .13½
Bisulphate, cns.....oz. .60 + .13½
Citrate, cns.....oz. .78 + .13½
Dihydrobromide, bots.....oz. .86 + .13½
Dihydrobromide, bots.....oz. .86 + .13½
Ethylcarbonate, cns.....oz. 1.25 + .13½
Ferrocyanide, cns.....oz. 1.07 + .13½
Formate, cns.....oz. 1.00 + .13½
Hydrochlorosulphate, cns...oz. .81 + .13½
Glycerophosphate, cns.....oz. 1.20 + .13½
Hydrochloride, cns.....oz. .76 + .13½
Hydroiodide, cns.....oz. 1.05 + .13½
Hypophosite, cns.....oz. 1.07 + .13½
Phosphate, cns.....oz. .90 + .13½
Salicylate, cns.....oz. .79 + .13½
Sulphate, USP XI, cns....oz. .67 + .13½
Sulphocarbolate, cns.....oz. 1.05 + .13½
Tannate, cns.....oz. .63 + .13½
Valerate, cns.....oz. .99 + .13½
Tartrate, cns.....oz. 1.03 + .13½

[a] Quinine buyers must pay a surcharge of 13½c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[a] cns., oz. .81 + .13½

Subject to surcharge of 13½c. per oz.; see note under Quinine.

R

R salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed,[1] Argentine, large bgs., lb. .09¼- .10
dom., dwarf Essex, bgs...lb. .10 - .10½
Raspberries, dried, bls.....lb. .90 - 1.10
Red,[a] alizarin lake,[a] bbls., dlvd. N. of Tenn. and N. C. E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Red, alizarin lake prices are ¼c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .95 - —
400-2,000 lbs., bbls.....lb. 1.00 - —
100-300 lbs., pkgs.....lb. 1.05 - —
light shade, bbls, ton lots, lb. .80 - —
400-2,000 lbs., bbls.....lb. .85 - —
100-300 lbs., pkgs.....lb. .90 - —
light-medium shades, bbls., ton lots..lb. .85 - —
400-2,000 lbs., bbls.....lb. .90 - —
100-300 lbs., pkgs.....lb. .95 - —
maroon shade, bbls., ton lots..lb. 1.05 - —
400-2,000 lbs., bbls.....lb. 1.10 - —
100-300 lbs., pkgs.....lb. 1.15 - —
deep, bbls., ton lots.....lb. 1.15 - —
400-2,000 lbs., bbls.....lb. 1.20 - —
100-300 lbs., pkgs.....lb. 1.25 - —
medium shade, bbls., ton lots..lb. .90 - —
400-2,000 lbs., bbls.....lb. .95 - —
100-300 lbs., pkgs.....lb. 1.00 - —

Red, cadmium, lithopone quotations are f.o.b. Balto. or whse. points, charges prepaid or allowed E. of Rockies.

Selenide, bbls., light, works, lb. 2.35 - —
maroon, works.....lb. 2.90 - —
Carmine, 40, dms., 100 lbs...lb. 4.00 - —
50 lbs.....lb. 4.75 - —
cns., 5 lbs.....lb. 5.25 - —
1 lb.....lb. 5.35 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.35 - —
Firetoner, bbls.....lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis, lb. .07⅝- —
Imported, English, all shades, lb. .12 - —
Iron oxide see (Red oxide).
Lacquer maroon, bbls., same basis..lb. 1.25 - —
Lake C toner, bbls., same basis, alizarin, lake, contracts, lb. .90 - —

Red, litho toner, bbls., same basis, alizarin, lake, contracts..lb. .60 - —
Rose, lake, bbls.....lb. .25 - .28
Pink, bbls.....lb. .20 - .25
Lithol-rubine toner, bbls., same basis, alizarin, lake, contracts..lb. 1.10 - —
Maroon lake, 25%, kgs., same basis, alizarin, lake, contracts..lb. .40 - —
Mercury, oxide,[2] tech., bbls., 10,000 lbs..lb. 3.09 - —
smaller lots.....lb. 3.11 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .09 - —
l.c.l., bbls.....lb. .09¾- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08¼- —
50-lb. bgs.....lb. .096 - —
Imported, English.....lb. .14½- —
Para, toner, concent., kgs., same basis, alizarin lake, contracts..lb. .70 - —
Persian Gulf, oxide, bbls., c.l., lb. No prices
Phloxin toner (see Red, Eosin-toner).
Phosphotungstic rhodamine, Y, kgs..lb. 4.15 - —
Purple lake, kgs.....lb. .60 - 1.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .55 - —
Lake, kgs., same basis alizarin lake..lb. .35 - —
Spanish, oxide, Grade 1, c.l., bbls., f.o.b. N.Y..lb. .04¾- .07¾
Toluidin toner, kgs., same basis alizarin lake..lb. 1.05 - —
Turkey, c.l.f. New York.....lb. .14½- —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .2065- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., f.o.b. N.Y...lb. .25 - .44
quicksilver, bbls.....lb. 3.05 - 3.15
Red dyes are listed under Dyes.
Red, precipitate,[2] NF, powd., fib. dms., 50 lbs. or more..lb. 3.26 - —
Red saunders wood, ground, bbls., lb. .35 - —
Resorcinol, tech., 200-lb. dms., frt. alld. E. of Miss..lb. .68 - —
smaller quantities, works..lb. .74 - —
USP, cryst., 100 lbs., dms., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .09 - .10
Rhubarb, whole, bgs.....lb. 1.15 - 1.35
powd., bbls.....lb. 1.20 - 1.45
Riboflavin.....gram. .65 - .68
Rice bran, concentrate, 573-lb. dms., f.o.b. Cedartown, Ga., or Emeryville, Calif., seller's option..lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - —
Rochelle salt, powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - —
Rose flowers, pale, bls.....lb. .32 - .35
red, bls.....lb. No prices
Rosemary flowers, bls.....lb. 1.55 - 1.60
leaves, Portuguese, bls.....lb. .17½- .18
Spanish, bls.....lb. .18 - .18½
Rosin gum, ex lock:—
B, drums or bags....100 lbs. 3.71 - —
D, drums or bags....100 lbs. 3.73 - —
E, drums or bags....100 lbs. 3.97 - —
F, drums or bags....100 lbs. 4.05 - —
G, drums or bags....100 lbs. 4.15 - —
H, drums or bags....100 lbs. 4.16 - —
I, drums or bags....100 lbs. 4.17 - —
K, drums or bags....100 lbs. 4.40 - —
M, drums or bags....100 lbs. 4.47 - —
N, drums or bags....100 lbs. 4.55 - —
100 lbs. 4.60 - —
W. W., drums or bags..... 100 lbs. 4.53 - —
X, drums or bags....100 lbs. 4.65 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., same basis.....ton.37.50 - —
Import, lump, bbls.....lb. No prices
powd., bbls.....lb. No prices
Rue, bls.....lb. 1.45 - 1.50

S

Sabadilla seed, powd., bbls....lb. .35 - .36
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - —
Safflower bls.....lb. No prices
Saffron, Mexican, bls.....lb. .55 - .56
Spanish, tins.....lb.32.00 -35.00
Safrol, cns.....lb. 2.25 - 2.45
dms.....lb. No prices
Sage,[1] Calif. leucophylla, whole, bls..lb. No stocks
rubbed, bgs.....lb. No stocks
powder, bgs.....lb. No stocks
Dalmatian type, bls.....lb. .80 - .85
Cyprus, bls.....lb. .29½- .30
Greek, bls.....lb. 1.60 - 1.70
Spanish, bls.....lb. .29 - .30
Sago flour, bgs.....lb. .05 - .05¼
Salicin, bots., 5 lbs.....lb. 8.03 - —
cns., 25 lbs.....lb. 7.75 - —
Salol, gran., bbls., 200 lbs....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.02 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., c.l., dlvd. N.Y. ton.14.20 - —
l.c.l., bgs., dlvd. N.Y...ton.17.00 -18.00
Vacuum, common, fine, bgs., c.l., dlvd. N.Y..ton.15.70 - —
l.c.l., dlvd. N.Y.....ton.19.40 -23.20
Chrome see Chrome cake).
Saltcake, dom., bulk, works..ton.15.00 - —
import, bulk, c.l.f.....ton.16.00 Nom.
Saltpeter, dbl. refd., gran., bbls., 10-20 tons.....100 lbs. 8.20 - —
1-9 tons.....100 lbs. 8.35 - —
less than ton lots..100 lbs. 8.60 - —
powd., bbls., 10-20 tons.... 100 lbs. 9.20 - —
1-9 tons.....100 lbs. 9.35 - —
less than ton lots....100 lbs. 8.60 - —
Sanguinarine nitrate, bots.....oz. 2.75 - —
Santonin, cryst., cns.....kilo.210.00 -220.00
Saponin, No. 1, cns.....lb. 1.75 - —
No. 2, cns.....lb. 1.45 - —
Sarsaparilla root, American, bls. lb. .25 - .26
Honduras, bls.....lb. .59 - .60
Mexican, bls.....lb. .20 - .21
Sassafras, bark, ord., bls.....lb. .20 - .21
select, bls.....lb. .31 - .32
Savory, bls.....lb. .73 - 1.75
Saw palmetto berries, bgs.....lb. .09 - .14
Scammony root, bgs.....lb. .07 - .08
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Scullcap, Eastern, bls.....lb. .25 - .32
Western, bls.....lb. .17 - .18

Scha...er's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34¾- —
Selenium, pwd. A, 10-lb. tins..lb. 2.00 - —
100-lb. same.....lb. 1.75 - —
Senega root, spot, bls.....lb. .59 - .60
Senna leaves, Alexandria, half leaf, bls..lb. .22 - .28
siftings, bgs.....lb. .21 - .22
Tinnevelly, No. 1, bls.....lb. .16 - .17½
2, bls.....lb. .12 - .16
3, bls.....lb. .11 - .14
powd., bbls., bxs.....lb. .15 - .17
Pods, bls.....lb. .13 - .16
Serpentaria root, bls.....lb. .75 - .82
Sesame seed,[1] Chinese, hulled, bgs..lb. .12½- .13
Indian, natural, bgs.....lb. .09 - .09½
hulled, sterilized, bgs....lb. .12 - .12½
Shellac,[1,6] bleached, bonedry, bbls., 1,500 lbs. or more, f.o.b. N.Y..lb. .42½- —
dlvd., Boston.....lb. .43½- —
Chicago .....lb. .44 - —
Pacific Coast.....lb. .46 - —
refined, bbls., 1,500 lbs. or more, f.o.b. N.Y..lb. .48½- —
dlvd., Boston.....lb. .49¼- —
Chicago .....lb. .50 - —
Pacific Coast.....lb. .52 - —

Bone dry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb.; (2) bbls., 1c. more; (3) kgs., 3c. more; (4) less than 100 lbs., regardless of packing, 5c. more.

Shellac,[1,6] 100 bgs. or more, garnet, bgs..lb. .3890- —
D.C., V.S.O., or Diamond 1, bgs..lb. .4000- —
Superfine, f.o.b. Boston, N.Y. lb. .3660- —
dlvd., Chicago. .....lb. .3710- —
Pacific Coast.....lb. .3960- —
T.N., f.o.b. Boston, N.Y....lb. .3550- —
dlvd., Chicago.....lb. .3600- —
Pacific Coast.....lb. .3850- —

Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 1c. more; 10 to 99 bgs., cs., 1c. more.

Shortening, trcs.....100 lbs.16.50 -17.00
Silica, amorph., dry-grd., 325 mesh, c.l., Ill., works..ton.17.00 - —
l.c.l., same basis.....ton.20.00 - —
400 mesh, c.l.....ton.18.00 - —
l.c.l., 5,000 lbs.....ton.19.00 - —
smaller lots.....ton.20.00 - —
wet-grd., 325 mesh., c.l., Ill., works..ton.18.00 - —
l.c.l., same basis.....ton.21.00 - —
400 mesh, c.l.....ton.20.00 - —
l.c.l., 5,000 lbs.....ton.35.00 - —
smaller lots.....ton.38.00 - —
96-98%, 325 mesh, c.l.....ton.20.00 - —
l.c.l., 5,000 lbs.....ton.21.50 - —
smaller lots.....ton.23.00 - —
99%, 325 mesh, c.l.....ton.20.00 - —
l.c.l., 5,000 lbs.....ton.22.00 - —
smaller lots.....ton.25.00 - —
99%, 325 mesh, l.c.l., 5,000 lbs..ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quarts, 99¼%, 325 mesh, c.l..ton.13.50 - —
l.c.l. .....ton.18.50 - —
140 mesh, c.l.....ton.11.00 - —
l.c.l. .....ton.16.00 - —
Silica prices are for bag packing f.o.b. works.
Silicon tetrachloride, CP, dms., works, 55 gals..lb. .27 - —
10-gal. dms., same basis..lb. .32 - —
smaller pkgs.....lb. .75 - 1.25
tech., dms., 55 gals., works..lb. .22 - —
10-gal. dms., same basis..lb. .27 - —
smaller pkgs.....lb. .50 - 1.00
Silver, bullion.....oz. .44¾- —
Govt. purchase, dom., metal. oz. .7111- —
Govt. purchase,[1] foreign metal. oz. .44¾- —
Cyanide, cns., 100 ozs.....oz. .41¼- —
Nitrate, 100-oz. bots.....oz. .32¾- —
Nucleinate, bots., dms.....oz. .29 - .34
Proteinate, bots., dms.....oz. .26 - .32
Simarubra barks, bls.....lb. .55 - .67
Skunk cabbage root, bls.....lb. No stocks
Slate flour, bgs., c.l., works..ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .75 - .80
Smalt, black, extra velvet, ctns. lb. .05 - .08
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .66 - .67
Soapbark, bls.....lb. .13 - .14
crushed, bls., bbls.....lb. .16 - .17
cut, imp., bls., bbls.....lb. .17 - .18
dom., bbls.....lb. .10 - .11
powd., bbls.....lb. .19 - .20
Soda, acetate, anhyd. ,bbls., dlvd., lb. .08¼- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .05 - —
l.c.l., dlvd.....lb. .05½- .06
USP, bbls., dlvd.....lb. .06 - .07
Alginate, water soluble, refined, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
Aluminate, white, soluble, c.l., bgs., frt. equald..100 lbs. 7.50 - —
dms., frt. equald..100 lbs. 7.75 - —
l.c.l., bgs., frt. equald..... 100 lbs. 8.40 - —
dms., frt. equald..100 lbs. 8.65 - —
Antimoniate, bbls., dlvd., c.l..lb. .15 - —
l.c.l., bbls., dlvd.....lb. .15½- —
Arsenate,[6] dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms.....lb. .09¼- .09¾
Arsenite,[6] dry, gray, dms., c.l., dealers, works..lb. .06¾- —
l.c.l., dms., works.....lb. .07½- .08¼
white, dms., c.l., dealers, works..lb. .07¾- —
l.c.l., works.....lb. .08½- .09¼

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., Zone 1.....100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.13 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.13
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs 2.93 - —

Soda ash, light, 58%, bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse point and includes delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U.S. E. of Miss. River and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. East of 98° Meridian; Neb. E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 98° Meridian. Zone 4: El Paso, Tex., Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyoming.

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., fib., 4,000 lbs., or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l.....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - —
l.c.l .....100 lbs. 1.90 - —
USP, gran., bbls , c.l., works. 100 lbs. 2.25 - —
l.c.l. .....100 lbs. 2.60 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N.Y.....100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N.Y.....100 lbs. 2.76 - —
Bichromate,[7,8] spot, cks., bbls., c.l., works..lb. .07¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07½- —
5 cks. or 9 bbls. or less, works..lb. .07¾- —

Soda bichromate in bgs., ¼c. less.

Bifluoride, bbl., c.l.....lb. .11 - —
10-bbl. lots.....lb. .11½- .12
1-9 bbls.....lb. .12 - —
kegs .....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works.. 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —
35 deg., c.l., works..100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.62 - —
44 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., bbls., works, 500 lbs..lb. .27 - .31
fiber dms., 100 lbs.....lb. .28 - .32
Cacodylate, 5-lb. bbls., works, lb.17.00 - —

Carbonate (see Soda ash, soda monohydrated soda sal).

Caustic, flake, 76%, powd., ammo. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zinc prices as ammonia process.
liquid, 47-49%, buyers' tanks, works..lb. 1.93½- —
sellers' tanks, works..... 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
sellers' tanks, works..... 100 lbs. 2.00 - —
solid, 76% ammon., process, dms., c.l., works..100 lbs. 2.90 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.90 - —

Soda, caustic, solid, electro process, dms., l.c.l., same zone prices as ammon. process. Caustic soda, l.c.l., prices are on the same basis as those for soda ash. The sales zones are also the same.

Chloride (see Salt).
Chlorate,[6] dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .07 - .08¼
Chromate,[6,8] c.l., works.....lb. .08¾- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .09¼- —
Citrate, USP VIII, 225-lb. bbls. lb. .18½- —
50-lb. lots, dms.....lb. .20½- —
25-lb. lots, dms.....lb. .22½- .25½
dms., 100-lb. lots, dms...lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide,[6] 96-98%, dom., dms. lb. .14 - .15
Imports, 90%, cs.....lb. No prices
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10½
anhy., dms., dlvd.....lb. .12½- —
Fluoride, white, 30%, bbls., c.l., frt. alld..lb. .08 - —
l.c.l., 10 or over, same basis..lb. .08¼- —
1-9, same basis.....lb. .09 - —
96%, bbls., c.l., same basis.lb. .08¼- —
l.c.l., 10 or over, same basis..lb. .08¾- —
1-9, same basis.....lb. .09¼- —
solution, cbys., cns.....lb. .82 - .83
Hydrosulphite, dms., frt. alld. lb. .17 - 18
Hydroxide, USP, sticks, dms., 100 to 1,000-lb. lots..lb. .24 - .27
Hypophosphite, N. F., cns., 100-lb. lots..lb. .67 - —

Soda hyposulphite, cryst., large bgs., works, frt. equald, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equald..100 lbs. 2.50 - —
cryst., bbls., same basis..... 100 lbs. 2.70 - —
pea, bgs., c.l., works.100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works..100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 dms., works. 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., works..100 lbs. 3.70 - 3.95
bbls., works.. ..100 lbs. 3.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.40 - —
Iodide, jars.....lb. 2.42 - —
bots. .....lb. 2.52 - 2.57
Mandelate, 100-lb. dms.....lb. 3.25 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
15 dms. and over, dlvd. N.Y. 100 lbs. 4.90 - —
3-14 dms., same basis..... 100 lbs. 5.05 - —
1-2 dms., same basis.100 lbs. 5.20 - —
gran., bbls., c.l., works.....lb. 2.50 - —
10 bbls. and over, dlvd. N.Y. lb. 3.30 - —
1-9 bbls., dlvd. N.Y.....lb. 3.55 - —
Molybdate,[2] anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls., N. Y. 100 lbs. 3.00 - —
works .....100 lbs. 2.55 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] dom., c.l., 100-lb. bgs., dlvd., f.o.b. cars Hopewell, Va..ton.30.05 - —
200-lb. bgs., same basis. ton.29.35 - —
bulk, f.o.b. Hopewell, va..ton.27.00 - —
imp., c.l., 100-lb. bgs., f.o.b. cars, Atl., Gulf, Pac. warehouses..ton.33.00 - —
200-lb. bgs., same basis... ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons. 100 lbs. 3.60 - —
1-9 tons.....100 lbs. 3.75 - —
smaller lots.....100 lbs. 4.00 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized, lb. .06¾- —
West Coast, f.o.b. ports. 100 lbs. 8.00 - 8.65
l.c.l. .....100 lbs. 8.90 -11.90

Soda niterite l.c.l. prices range represents delivery at various points.

Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
15 dms. and over, same basis..lb. 5.45 - —
3-14 dms., same basis....lb. 5.60 - —
1-2 dms., same basis.....lb. 5.85 - —
flake, dms., c.l., works.. 100 lbs. 3.15 - —
10 bbls. and over, dlvd. N.Y.C..100 lbs. 4.30 - —
1-9 bbls., same basis.100 lbs. 4.55 - —
Oxalate, neut., bbls.....lb. .09¼- —
Perborate, NF, bbls., c.l., works. lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Pentachlorophenate briquets, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .20 - —
490 lbs., bgs., works.....lb. .18 - —
powd., 100 lbs., kgs., works..lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works.....100 lbs. 6.00 - 6.25
l.c.l., works.....100 lbs. 6.50 - 7.25
bbls., c.l., works....100 lbs. 6.20 - 6.45
l.c.l., works.....100 lbs. 6.70 - 7.45
cryst., tech., bgs., c.l., works. 100 lbs. 2.55 - 2.70
l.c.l., works.....100 lbs. 2.95 - 3.45
bbls., c.l., works....100 lbs. 2.75 - 2.90
l.c.l., works...100 lbs. 3.15 - 3.65
monobasic, anhyd., c.l., works, 100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
bbls., c.l., works.....100 lbs. 7.45 - 8.45
l.c.l., works.....100 lbs. 8.20 - 9.20
tribasic, bgs., c.l., works. 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.45 - —
bbls., c.l., works....100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.65 - —
kegs, c.l., works.....100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
bbls., c.l., same basis.. 100 lbs. 6.20 - —
l.c.l., same basis..100 lbs. 6.70 - —
USP (dibasic), bbls., dms., works..lb. .08 - .10
dried, bbls., dms., works..lb. .11½- .12
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .11 - —
contracts .....lb. .10 - —
smaller lots.....lb. .11¼- —
contracts .....lb. .10¼- —
Pyrophosphate,[2] anhyd., bgs., c.l., works, frt. equalized. 100 lbs. 5.25 - 6.10
5 tons and over, same basis. 100 lbs. 5.40 - 6.25
less than 5 tons, same basis..100 lbs. 5.75 - 6.60
bbls., c.l., works, frt. equalized..100 lbs. 5.45 - 6.30
5 tons and over, same basis. 100 lbs. 5.60 - 6.45
less than 5 tons, same basis..100 lbs. 5.95 - 6.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd. N. Y.....100 lbs. 1.25 - —
works .....100 lbs. 1.10 - —
bbls., dlvd N. Y.....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, bgs.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works....100 lbs. 1.70 - —
l.c.l., Zone 1.....100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.50 - —

Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.

Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
150 bbls. or over, dlvd. N.Y.C. 1-9 bbls.....100 lbs. 4.30 - —
works..100 lbs. .80 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works....100 lbs. 1.20 - —
tanks, wks.....ton.18.00 - —

Soda silicate, 52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works. 100 lbs. 1.65 - —
1 to 4, works ...100 lbs. 1.80 - —
tanks, wks.....ton.25.00 - —
Silicofluoride, bbls., c.l., works.. lb. .05 - —
l.c.l., sams basis.....lb. .05½- —
Stannate, dms.....lb. .83½- .86¼
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or over, works.. 100 lbs. 1.95 - 2.15
less than 5 tons, works.. 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
NF, VI, desicated, powd., bbls..lb. .07 - .07½
USP, cryst., gran., bbls...lb. .10 - .10½
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., 5 tons or over, divd., 100 lbs. 2.90 - —
less than 5 tons, divd. 100 lbs. 3.15 - —
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., 5 tons or over, divd. 100 lbs. 3.65 - —
less than 5 tons, divd. 100 lbs. 3.90 - —
Sulphite, cryst., 100-lb. bgs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, gran., bbls., dms..lb. .26 - .28
Sulphocyanide, C.P., dms....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works..lb. .05½- —

Soda sulphohydrate, liquid, 38%, basis 100%, dms., l.c.l., works, lb. .06 - —
single dm. lots, works. lb. .08 - —
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinolate, bbls.....lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate,[6] CP, kgs.....lb. No prices
tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, standard cont. (126-250 lbs.) lb. .19 - .22
Solvent, naphtha,[2] dms., wks.gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .27 - —
W. Coast, f.o.b. Minequa, Colo..gal. .27 - —
high-flash, dms., works.....gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
Sorbitol,[6] com'l, dms., works..lb. .17¾- —
Soybean meal, 41% and 44% protein old process, bulk, Decatur, Ill., January delivery..ton.32.25 - —
Soybean meal, 41% and 44% protein, old process, bulk, Decatur, Ill., February delivery, same basis....ton.32.50 - —
protein, alpha, bgs., c.l., works lb. .17 - —
l.c.l., 10-20 tons, works...lb. .17¼- —
100-20,000 lbs., works...lb. .17½- —
smaller lots works.....lb. .21 - —
Sparteine sulphate, bots., cns..oz. 3.25 - 3.90
Spearmint leaves, bls.....lb. .35 - .36
Spikenard root, bls.....lb. .26 - .27
Spruce extract, reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
powd., super, bgs., c.l., works. lb. .04½- —

Squawvine, leaves, bls.....lb. .14 - .15
Squill, red, powd.....lb. .85 - .88
White, bls.....lb. .16 - .18
powd., bbls., bxs.....lb. .26 - .28
St. Ignatius beans, bgs.....lb. .43 - .60
St. John's Bread, edible, bls..lb. .24 - .35
Starch, corn, pearl, bgs., f.o.b. Chicago100 lbs. 3.10 - —
divd., N. Y.....100 lbs. 3.47 - —
Starch, corn, powd., bgs., f.o.b. Chicago..100 lbs. 3.20 - —
divd., N. Y.....100 lbs. 3.57 - —
Potato, dom., bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0760- —
import, bgs.....lb. No prices
Rice, bgs.....lb. .09 - .10
Sweetpotato, bgs.....lb. .06¼ Nom.
bbls.....lb. .07 Nom.
Wheat, thick, boil, bgs.....lb. .05 - —
Starch, iodide, bots.....lb. 1.87 - —
Staveacre, seed, bgs.....lb. No prices
Stearin, oleo.....lb. .1054- —
Stillingia root, bls.....lb. .11 - .12
Stonecrot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.75 - 1.80
Stramonium leaves, bgs.....lb. .23 - .24
seed, bgs.....lb. .20 - .21
Strontium bromide, cns.....lb. .53 - .55
Carbonate, NF, IV, 250-lb. bbls..lb. No prices
tech., 90% precip., bbls....lb. .25 Nom.
Chloride, tech., bbls.....lb. .23 - .25
Iodide, bots., 5 lbs.....lb. 3.06 - —
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, dom., bbls., c.l., works. lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Oxalate, bbls.....lb. .44 - —
Salicylate, bbls., kgs.....lb. 1.10 - —
dms. .....lb. 1.13 - —

Strontium, sulphate, nat., 92% min., $SrSO_4$, air-floated, 300 mesh, c.l., works.....ton.52.00 - —
5 to 15 ton lots, same basis..ton.54.00 - —
Strophantin, bots.....oz.30.00 - —
Strophanthus seed, Kombe, bgs.lb. 2.75 - 3.95
Styrolyl, acetate, bots.....lb. 2.50 - 3.10
Strychnine, cryst., cns., 100-oz. lots..oz. .70 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .88 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .91 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .88 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .89 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .85 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. 1.00 - —
Nitrate, 25-oz. cns., 100-oz. lots. oz. .82 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .89 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .58 - —
powd., cns., 100-oz. lots.oz. .48 - —
Sucrose octa-acetate, C.P. grade, bbls., l.c.l., works..lb. .55 - —
denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.40
Sugar of milk (See Milk sugar)
Sulfadiazin, 100 lb. dms.....lb.13.00 - —
Tablets, bots 50's.....ea. 4.86 - —
100's .....ea. 8.46 - —
1,000's .....ea.72.00 - —
Sulfaguanidine, 100 lb. dms...lb. 5.50 - —
3.5-gm. bot.....doz. 2.50 - —
4-oz. bots.....ea. 3.10 - —
1-lb. bots.....ea.30.00 - —
Sulfanilamide, 5 lbs., bots....lb. 1.45 - —
fib. dms., 1,000 lbs., 1 delivery lb. 1.00 - —
100 lbs.....lb. 1.05 - —
25-lb. lots.....lb. 1.20 - —
Sulfapyridine, powd., 1,000-lb. lots, bots., tins..lb. 5.00 - —
500-lb. lots, bots., tins.....lb. 5.10 - —
100-lb. lots, bots., tins.....lb. 5.15 - —
25-lb. lots, bots., tins.....lb. 5.30 - —
Sulfathiazole, 1,000-lb. lots, dms. lb. 4.00 - —
500-lb. lots, dms.....lb. 4.10 - —
100-lb. lots, dms.....lb. 4.15 - —
25-lb. tins.....lb. 4.30 - —
1-5 lb. bots.....lb. 4.45 - 4.50
Sesquihydrate, prices same as sulfathiazole.
Sulfonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts..long ton.16.00 - —
flour, comm'l, bgs., c.l..100 lbs. 1.90 - —
l.c.l. .....100 lbs. 2.40 - —
flowers, USP, bgs., c.l..100 lbs. 3.30 - —
l.c.l. .....100 lbs. 3.80 - —
bbls., c.l.....100 lbs. 3.65 - —
l.c.l. .....100 lbs. 4.15 - —
refined, cast, bgs., c.l...100 lbs. 2.45 - —
l.c.l. .....100 lbs. 2.95 - —
heavy, USP, bgs., c.l..100 lbs. 2.55 - —
l.c.l. .....100 lbs. 3.35 - —
bbls., c.l.....100 lbs. 3.20 - —
l.c.l. .....100 lbs. 3.70 - —
light, USP, bgs., c.l...100 lbs. 2.95 - —
l.c.l. .....100 lbs. 3.45 - —
bbls., c.l.....100 lbs. 3.30 - —
l.c.l. .....100 lbs. 3.80 - —
lumps, bgs., c.l.....100 lbs. 2.45 - —
l.c.l. .....100 lbs. 2.95 - —
bbls., c.l.....100 lbs. 2.80 - —
l.c.l. .....100 lbs. 3.30 - —
rolls, bgs., c.l.....100 lbs. 2.65 - —
l.c.l. .....100 lbs. 3.15 - —
Prices at the mine for various grades refined sulphur 50c. less per 100 pounds.
rubbermakers, comm'l, 99¼%, bgs., c.l., frt. alld.100 lbs. 2.20 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.55 - —
Chloride, 55-gal. dms., c.l...lb. .03 - .03½
l.c.l., dms., works.....lb. .04 - .04¼
10-gal. dms., c.l.....lb. .07 - .07¼
l.c.l. .....lb. .08 - .08¼
Dioxide, liquid, com'l, cyls., works..lb. .07 - .08
multi-unit, cars, works..lb. .04½- .06
tanks, works.....lb. .04 - .06
refrigeration, cyls., works.lb. .18 - .21
multi-unit cars, works..lb. .06½- —
Iodide, bots., jars.....lb. 3.90 - 4.05
Precipitated, USP, bbls.....lb. .18 - .27
Sumac, grd., Sicilian, f.a.s....ton. No prices
leaf, f.a.s.....ton. No prices
extract, bbls., No. 1.....lb. .08 - —
No. 2.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Berries, bxs.....lb. .12 - .18
Sunflower seed, Calif., large, bgs.. lb. .09½- .10
medium, bgs. .....lb. .09 - .09½
poultry .....lb. .08½- .09
Superphosphate, run-of-pile, basis 16% a.p.a., bulk, f.o.b. cars, boats, Balto..unit-ton. .60 - .64
net ton. 9.60 -10.24
guaranteed 16% a.p.a., bulk, plus flattening charge of 50c., unit-ton. .63½- .67½
net ton.10.10 -10.74
20% a.p.a., bulk, same basis, spot..unit-ton. .63¾- .68
net ton.12.75 -13.60
triple, bulk, f.o.b. cars, Balto., spot..unit-ton. .85 - —

T

Talc, dom., aluminum flake-type, grd., c.l..ton.14.50 -24.50
l.c.l. .....ton.16.50 -30.00
Calif., c.l.....ton.17.50 -43.00
N. Y. fibrous, 325 mesh, 93-94%, c.l..ton.13.00 -18.00
99-99½%, c.l.....ton.15.25 -19.25
99.95%, c.l.....ton.17.00 -21.00
coarse, off-color, c.l.....ton.13.00 - —
Pennsylvania, c.l.....ton.11.00 -13.50
l.c.l. .....ton.12.00 -14.50
Vermont, c.l.....ton.14.00 - —
l.c.l. .....ton.15.00 - —
imp., Canadian, c.l., divd. N. Y. ton.24.00 -30.00
French .....ton. No prices
Italian .....ton. No prices
Talc, domestic, is quoted at the mills in bag packaging.
Tallow,[1,2] edible, tanks.....lb. .09¾- —
ined., extra, tanks.....lb. .08¾- —
special, tanks.....lb. .08½- —
Tallow, sulphonated, 35% (24% fat), dms., c.l..lb. .06¾- —
l.c.l. .....lb. .06¾- —
50% (43% fat), dms., c.l..lb. .06¾- —
l.c.l. .....lb. .07¾- —
50% (43% fat), dms., c.l..lb. .07¾- —
l.c.l. .....lb. .08¾- —
Tamarind, No. 1, bbls.....lb. .10 - .12
kegs .....lb. 7.45 - —
Tankage, dom., fertilizer, animal, bulk, basis N.Y..unit-ton. 4.50 & .10
grd., 9% ammon., 10% b.p.l., 10-11% ammon., 15% b.p.l., bulk, basis Chi..unit-ton. 4.00 & .10
feeding, unground, 9-11% ammon., bulk, basis N. Y., unit-ton. 5.10 - —
basis Chicago..unit-ton. 5.53 - —

Wyandotte

Announcing the consolidation of

MICHIGAN ALKALI COMPANY

THE J. B. FORD COMPANY

into

WYANDOTTE CHEMICALS CORPORATION

Back in the 1890's, two companies were established in Wyandotte, Michigan, by Captain John B. Ford, father of the plate glass industry in America, and an outstanding pioneer in the chemical industry.

The Michigan Alkali Company grew to be one of the great basic chemical companies of the world, manufacturing a wide range of products serving more than fifty different industries.

The J. B. Ford Company developed into the world's largest manufacturer of specialized cleaning materials, and an important factor in promoting sanitation and safeguarding the health of America.

The company controls warehouse facilities strategically located at approximately 200 points throughout the country.

Consolidation a Logical Step

On January 1, 1943, these companies were consolidated, still under the same family ownership, to form the Wyandotte Chemicals Corporation.

This consolidation is a logical recognition of the close relationship which has existed between the companies for many years.

Management and personnel will remain the same, but the consolidation will offer an opportunity for even greater service to our customers.

Many Benefits to Customers

Wyandotte Chemicals Corporation will continue to have one of the best distribution systems in the United States—making all Wyandotte products more readily available, to smaller as well as larger consumers.

Combining the technical staffs of the two companies will now make it possible to bring a wider range of expert technical service to Michigan Alkali and The J. B. Ford customers everywhere.

The enlarged research laboratories may be counted upon to develop important new products to meet the needs of war and post-war conditions.

And by the complete integration of the ownership of raw material sources and control of manufacturing and distribution *in the one company*, Wyandotte Chemicals Corporation will be able still further to enhance the *quality* and *value* for which Wyandotte products have long been noted.

Contracts and commitments of Michigan Alkali Company and The J. B. Ford Company in force at the end of the year 1942 will be carried out without interruption by the Wyandotte Chemicals Corporation, and customer contacts will be maintained without interruption by the Michigan Alkali Division and the J. B. Ford Division of the consolidated sales departments.

It is our sincere intention to continue to develop and manufacture to the best of our ability products which help the nation in wartime and which will contribute to a fuller life when peace is won.

WYANDOTTE CHEMICALS CORPORATION

Michigan Alkali and J. B. Ford Divisions

Wyandotte, Michigan

Tansy leaves, bls.	lb.	.32 - .34
Tapioca flour, Brazil, bgs.	lb.	.06⅜- .06½
Java, bgs.	lb.	.04⅞- .07⅛
Tar acid oil,[6] 16%, dms., c.l., works	gal.	.27½- —
l.c.l., same basis	gal.	.29½- —
25%, dms., c.l., works	gal.	.31½- —
l.c.l., same basis	gal.	.33½- —
Tar, pine, retort, dms., dlvd. E. cities	gal.	.30 - .33
tanks, dlvd. E. cities	gal.	.24½- —
Tarragon herb, bgs.	lb.	1.70 - 1.75
Tartar emetic, tech., fine gran. or powd., bbls., kgs., 5 or more	lb.	.47¾- —
less than 5	lb.	.48 - —
dms.	lb.	.48¼- .51
USP, powd., bbls.	lb.	.52¾- .53
Terpin hydrate, cryst., bbls., dms.,	lb.	.70 - .72
powd., bbls., dms.	lb.	.75 - .77
Terpineol, dms.	lb.	.35 - .50
alpha, denat. grade, dms., c.l., works, net wght.	lb.	.17 - —
Terpinyl acetate, cns.	lb.	.87 - —
dms.		.85 - —
Terra alba (see Gypsum).		
Tetrachlorethane, dms., works.	lb.	.08 - .08½
Tetrachlorethylene, CP, dms. tech. (see Perchlorethylene).	lb.	.21½- —
Tetralin, dms.	lb.	.19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).		
Thallium sulphate, 99% pure, bbls., works.	lb.	12.50 - —
Theobromine,[6]	lb.	2.65 - —
Sodiosalicylate,[6] dms.	lb.	No prices
Thiamine hydrochloride, bots., cns., 100 grams or more	gram.	.37 - —
smaller lots.	gram.	.40 - —
Thiocarbanilide, dms.	lb.	.24 - —
Thiourea, CP, dms.	lb.	.55 - .56
Thorium, nitrate, cs., works.	lb.	2.00 - —
Thyme,[1] French, bls.	lb.	.80 - 1.62
Morocco, bls.	lb.	.21 Nom.
Spanish, bls.	lb.	.25½- .26
Thymol, cns., 25 lbs.	lb.	2.75 - 3.00
Iodide, kgs., 50 lbs.	lb.	3.40 - —
25 lbs.	lb.	3.50 - —
Timbe root (see Cube root).		
Tin chloride, anhydrous	lb.	.48 - .48½
Crystals, bbls., bgs.	lb.	.29 - .29½
Metal,[1,3] Straits	lb.	.52 - —
Oxide, bbls.	lb.	No prices
Tetrachloride, anhyd., bbls.	lb.	No prices
Titanium,[1] dioxide, bgs., c.l. (20 tons)	lb.	.14½- —
l.c.l., 5 tons, single delivery,	lb.	.14¾- —
1,000-9,999 lbs.	lb.	.15 - —
50-999 lbs.	lb.	.15½- —
bbls., c.l. (20 tons)	lb.	.14¾- —
l.c.l., 5 tons, single delivery,	lb.	.15 - —
1,000-9,999 lbs.	lb.	.15½- —
50-999 lbs.	lb.	.15½- —
non-chalking, bgs., c.l. (20 tons).	lb.	.16½- —
l.c.l., 5 tons, single delivery.	lb.	.16¾- —
1,000-9,999 lbs.	lb.	.17 - —
50-999 lbs.	lb.	.17½- —
bbls., c.l. (20 tons)	lb.	.16¾- —
l.c.l., 5 tons, single delivery.	lb.	.17 - —
1,000-9,999 lbs.	lb.	.17½- —
50-999 lbs.	lb.	.17⅞- —
chalk-resistant, bgs., c.l. (20 tons)	lb.	.15 - —
l.c.l., 5 tons, single delivery.	lb.	.15⅜- —
1,000-9,999 lbs.	lb.	.15½- —
50-999 lbs.	lb.	.15⅝- —
bbls., c.l. (20 tons)	lb.	.15¼- —
l.c.l., 5 tons,single delivery.	lb.	.15½- —
1,000-9,999 lbs.	lb.	.15⅝- —
50-999 lbs.	lb.	.15¾- —
bbls., c.l. (20 tons)	lb.	.15½- —
l.c.l., 5 tons, single delivery.	lb.	.15¾- —
1,000-9,999 lbs.	lb.	.15⅞- —
50-999 lbs.	lb.	.16 - —
barium or magnesium base, bgs., c.l. (20 tons)	lb.	.05⅝- —
l.c.l.	lb.	.06 - —
bbls., c.l. (20 tons)	lb.	.06 - —
l.c.l.	lb.	.06¼- —
calcium base, bgs., c.l. (20 tons),	lb.	.05½- —
calcium-rutile base, bgs., c.l. (20 tons)	lb.	.06½- —
l.c.l.	lb.	.06⅝- —
bbls., c.l. (20 tons)	lb.	.05⅝- —
l.c.l.	lb.	.06 - —

Carload prices are f.o.b. factories with actual freight paid. Less than carload prices are f.o.b. factories or ex warehouse with actual freight or trucking paid, except on the Pacific Coast, where they are f.o.b. warehouses. Pacific Coast prices are ¼c. per lb. higher than the above. When shipped in barrels, prices are ¼c. per pound higher.

Tetrachloride, CP, dms., works, 55 gals.	lb.	.57 - —
10-gal. dms., same basis.	lb.	.65 - —
5-gal. dms., same basis.	lb.	.70 - —
smaller pkgs.	lb.	.90 - 1.25
technical, dms., works, 55 gals.	lb.	.52 - —
10-gal. dms., same basis.	lb.	.40 - —
5-gal. dms., same basis.	lb.	.45 - —
smaller pkgs.	lb.	.65 - 1.00
Toluene (see Toluol).		
Toluidin base, distilled, kgs.	lb.	.96 - —
Tolu, balsam, cns.	lb.	.85 - .95
Toluidin, mixed, dms.	lb.	.26 - —
Toluol,[2,3,6] (toluene), 2° indus., dms., returnable	gal.	.33 - —
tanks, E. of Omaha, frt. alld.,	gal.	.28 - —
W. Coast, f.o.b. Minnequa, Colo.	gal.	.28 - —
1° nitration,[6] dms., returnable,	gal.	.34½- —
tanks, E. of Omaha, frt. alld.,	gal.	.29½- —
W. Coast, f.o.b. Minnequa, Colo.	gal.	.29½- —
Tonga, NF, 50% bark and vine,	bls.	.90 - .93
Tonka beans, Angostura, cks.	lb.	2.50 - 3.00
Brazilian, Surinam, cs.	lb.	.95 - 1.10
Totaquine,[1] USP XII, 100 to 2,000-oz. lots.	oz.	.35 - —
25-oz. lots.	oz.	.38 - —
Triacetin, dms.	lb.	.26 - —
Triamyl borate, dms., l.c.l., works,	lb.	.33 - —
Triamylamine, dms., c.l., works,	lb.	.98 - —
l.c.l.	lb.	1.01 - —
Tributylamine, dms., c.l., works,	lb.	.78 - —
l.c.l.	lb.	.81 - —
Tributyl citrate, ton lots, 475-lb. dms.	lb.	.29 - —
single dms.	lb.	.31 - —
smaller lots.	lb.	.40 - —
Phosphate, dms., l.c.l., dlvd.	lb.	.47 - —
cns., works.	lb.	.51 - —
Trichlorobenzene, dms., c.l., frt. alld.	lb.	.08 - —
l.c.l., same basis.	lb.	.08½ - —
tanks	lb.	.07½- —
Trichlorethylene,[2] Zone 1, dms., c.l., works, frt. alld.	lb.	.08 - —
l.c.l., same basis.	lb.	.08½- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½- —
l.c.l., same basis.	lb.	.09 - —
Zone 3, c.l., works, frt. alld.	lb.	.09 - —
l.c.l., same basis.	lb.	.09½- —
Trichlorethylene, Zone 4, dms., c.l., f.o.b. stock points.	lb.	.09 - —
l.c.l., same basis	lb.	.09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Ida., Ore., Nev., Wash., Utah and Cal.

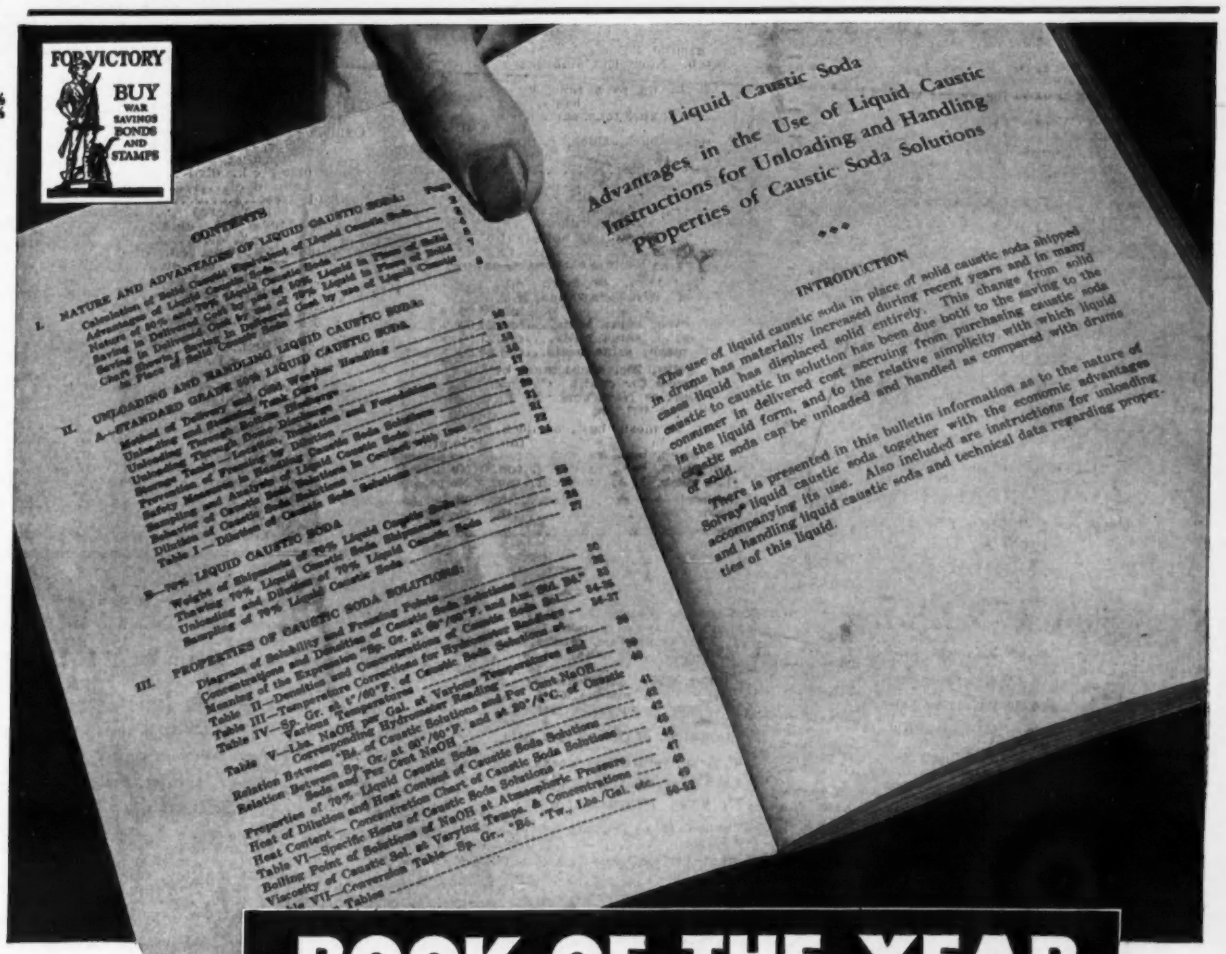
Tricresylphosphate,[3,6] CP, cns., works.	lb.	.43½- .54½
dms., c.l., dlvd.	lb.	.37½- —
smaller lots, dlvd.	lb.	.40½- —
tech., cns., works.	lb.	.28½- .45½
dms., c.l., dlvd.	lb.	.25 - .31
smaller lots, dlvd.	lb.	.25½- .31½
tanks, dlvd.	lb.	.24 - .30
Triethanolamine,[6] dms., c.l., works,	lb.	.19 - —
l.c.l., works.	lb.	.20 - —
tanks, works.	lb.	.18 - —
Triethylamine, dms., l.c.l., works.	lb.	1.16 - —
Triethyleneglycol,[6] dms., l.c.l.	lb.	.28 - —
Triethyl citrate, ton lots, 500-lb. dms.	lb.	.24 - —
single dms.	lb.	.26 - —
Triethyl phosphate, cns.	lb.	.46 - —
Trimethylamine, dms., c.l., dlvd.,	lb.	.85 - —
l.c.l., dlvd.	lb.	.90 - —
Triphenyl phosphate,[3] bbls.	lb.	.31 - .32
Tripoli, air-floated, bgs., c.l., works.	ton.	21.50 - —
double grd., bgs., c.l., works.	ton.	17.50 - —
once-grd., bgs., c.l., wks.	ton.	16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).		
Tuba root (see Derris root).		
Tungsten metal, powd.,[3,6] 99-99.7%, dms., works.	lb.	2.60 - 5.40
Oxide, CP, kgs.	lb.	No prices
Chem. grade, kgs.	lb.	No prices
Turmeric root, Alleppey, bgs.	lb.	.09¾- .10
Madras, bgs.	lb.	.10 - .10¼
Turpentine, gum, dms., c.l., ex dock	gal.	.76 - —
l.c.l.	gal.	.78 - .80
wood, dest. dist., dms., dlvd., E. cities.	gal.	.55 - .58
tanks	gal.	.50 - —
steam-dist., dms.	gal.	.64 - .67
tanks	gal.	.59 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root).		
Uranium oxide, black, bgs.	lb.	2.55 - —
yellow, kgs.	lb.	1.85 - —
Urea, dom., 40%, N., bgs. 20 tons, f.o.b. Belle, W.Va., Metropolitan New York, Phila., Wilmington, Del., Baltimore, Wilmington, N. C., Charleston, Savannah, Jacksonville	ton.	80.00 - —
l.c.l., f.o.b. Belle, W. Va.,	ton.	82.50 - —
5-19 tons, f.o.b. Boston, New York, Philadelphia, Wilmington, Del., Baltimore	ton.	85.00 - —
less than 5 tons, f.o.b. New York, Phila.	ton.	90.00 - —
import, 40% N., bgs., 5 tons, f.o.b. Atl. Gulf ports or Belle, W. Va., ship.	ton.	No prices
smaller lots, f.o.b. N. Y. whse.	ton.	No prices
pure, cs.	lb.	.12 - —
Urea, fertilizer compound, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl. Gulf ports.	ton.	57.40 - —
Urea-ammonia liquor, 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atlantic Gulf ports	ton.	121.58 - —
37% N. (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports,	ton.	127.00 - —
Uva ursi leaves, bls.	lb.	.25 - .27

V

Valerian root, Belgian, bls.	lb.	1.45 - 1.50
Eastern, bls.	lb.	1.00 - 1.05
Valonia, beards, bgs., f.a.s.	ton.	No prices
cups, bgs. f.a.s.	ton.	No prices
Vanadium pentoxide, CP, bgs., cns., works.	lb.	7.00 - —
tech., dms., works.	lb.	1.10 - —
Vanilla beans,[1] Bourbon, tins.	lb.	10.00 - —
Java, tins.	lb.	9.50 - —
Mexican, whole, tins.	lb.	11.00 - —
cuts, tins.	lb.	10.00 - —
Tahiti, white label, tins.	lb.	6.00 - —
yellow label, tins.	lb.	5.75 - —
West Indian, tins.	lb.	10.00 - —
Vanillin, ex eugenol, 25-lb. tins,	lb.	2.60 - —
5-lb. tins.	lb.	2.65 - —
1-lb. tins.	lb.	2.75 - —
ex-guaicol, 25-lb. tins.	lb.	2.35 - —
5-lb. tins.	lb.	2.40 - —
1-lb. tins.	lb.	2.50 - —
ex lignin, any quantity, 25-lb. tins.	lb.	2.35 - —
5-lb. tins.	lb.	2.40 - —
1-lb. tins.	lb.	2.65 - —
Venice turpentine, true, cs.	lb.	No prices
artificial, cs.	lb.	.24 - .25
Verdigris, bbls., kgs.	lb.	.32 - .33



BOOK OF THE YEAR

...To The Man Who Needs Down-to-Earth Information On Handling Caustic Soda!

If you are a technician or plant operator who is now "taking over" an assignment which necessitates a more specific knowledge of Caustic Soda than you previously required, *then write today for Solvay Technical Service Bulletin No. 6.*

This bulletin contains time-saving, factual information from which all sales talk has been eliminated. It is full of important tables, charts and other data on the handling of Caustic Soda. It is information which goes straight to the point... helps you improve efficiency, reduce man hours and increase production speed.

Solvay Technical Service Bulletin No. 6 on Liquid Caustic Soda is one of the series of Solvay Bulletins which are constantly being revised on the basis of new findings. For years this technical literature has had the recognition of plant operators, engineers and scholars who realize that such vital operations data concerning alkalies can only originate out of the breadth of accumulated experience Solvay has gained as America's oldest and largest manufacturer of alkalies.

If you don't use Caustic Soda, then send for any of the OTHER SOLVAY BULLETINS listed below, which pertain to your work.

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Use and handling of Caustic Soda • Analysis of Alkalies • Soda Ash Handling • Alkalies and Chlorine in Water Treatment • Analysis of Liquid Chlorine and Bleach • Water Analysis • Calcium Chloride in Refrigeration • Road Surface Stabilization • Analysis of Calcium Chloride and Limestone

Vinyl acetate, 5-gal. cbys., works, lb. .25 - —
dms., c.l., works..lb. .15 - —
l.c.l., works..lb. .16 - —
5 gals., dms., works..lb. .25 - —
Ether, 75 c.c. ..bot. 1.30 - —
50 c.c. ..bot. .73½- —
25 c.c. ..bot. .45½- —

Vitamin A (see Oils, codliver, halibut liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut liver).
E (see Alpha Tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic; acid, nicotinic amide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum, naphtha, v.m.p.).

W

Wahoo bark, bls..lb. .48 - .49
tree ..lb. .28 - .29
Wattle bark, bgs., f.a.s..ton.41.00 -43.00
Extract, solid, bgs..lb. .0447½-.0460
liquid, tanks..lb. .05 - —
bbls. ..lb. .06¼- —
Wax, amorphous, Group 3, 160-165 m.p., works, Okla., yearly contracts, amber, 60,000 lbs.lb. .14¼- —
30,000 lbs., same basis, lb. .14½- —
20,000 lbs., same basis, lb. .14¾- —
10,000 lbs., same basis, lb. .15 - —
5,000 lbs., same basis, lb. .15¼- —
less than 5,000 lbs., lb. .15½- —
black, 60,000 lbs., same basis..lb. .12¾- —
30,000 lbs., same basis, lb. .13 - —
20,000 lbs., same basis, lb. .13¼- —
10,000 lbs., same basis, lb. .13½- —
5,000 lbs., same basis. lb. .13¾- —
less than 5,000 lbs., lb. .14 - —
white, 60,000 lbs., same basis..lb. .24¼- —
30,000 lbs., same basis, lb. .25 - —
20,000 lbs., same basis, lb. .25¼- —
10,000 lbs., same basis, lb. .25½- —
5,000 lbs., same basis, lb. .25¾- —
less than 5,000 lbs., lb. .26 - —
180-185 m.p., amber, 60,000 lbs., same basis..lb. .16¼- —
30,000 lbs., same basis, lb. .16½- —
20,000 lbs., same basis, lb. .16¾- —
10,000 lbs., same basis, lb. .17 - —
5,000 lbs., same basis, lb. .17¼- —
less than 5,000 lbs., same basis..lb. .17½- —
black, 60,000 lbs., same basis..lb. .14¾- —
30,000 lbs., same basis, lb. .15 - —
20,000 lbs., same basis, lb. .15¼- —
10,000 lbs., same basis, lb. .15½- —
5,000 lbs., same basis, lb. .15¾- —
less than 5,000 lbs., same basis..lb. .16 - —
white, 60,000 lbs., same basis..lb. .28¾- —
30,000 lbs., same basis, lb. .29 - —
20,000 lbs., same basis, lb. .29¼- —
10,000 lbs., same basis, lb. .29½- —
5,000 lbs., same basis, lb. .29¾- —
less than 5,000 lbs., same basis..lb. .30 - —

Quotations, f.o.b. Chicago, ½c. per lb. higher; f.o.b. Philadelphia, 1c. per lb. higher than above figures.

Bayberry, bgs..lb. .25 - .26
*Beea,[1] yellow, crude, ton lots or more, bgs., f.o.b. N. Y.:—
Central & S. A., sun-bleachable, same basis, lb. .44¾- —
unbleachable, same basis, lb. .41½- —
African, sun-bleachable, or nonsun-bleachable, same basis..lb. .37½- —
Refined, USP, slabs, same basis..lb. .52½- —
bricks, same basis..lb. .53½- —
discs, same basis..lb. .55½- —
5-lb. ctns., same basis.lb. .56½- —
2-lb. ctns., same basis.lb. .57½- —
1-lb. ctns., same basis.lb. .58½- —
rounds, or squares, same basis..lb. .57½- —
5-lb. ctns., same basis.lb. .58½- —
2-lb. ctns., same basis.lb. .59½- —
1-lb. ctns., same basis.lb. .60½- —
bleached, sun or chemical, USP, same basis..lb. .57 - —
bricks, same basis..lb. .58 - —
discs or cakes, same basis lb. .60 - —
5-lb. ctns., same basis.lb. .61 - —
2-lb. ctns., same basis.lb. .62 - —
1-lb. ctns., same basis.lb. .63 - —
*Candelilla, crude, one ton or more, bgs., f.o.b. N.Y..lb. .38 - —
refined, bgs., same basis...lb. .44 - —

Note—For prices on powdered candelilla wax, add the following amounts to the above schedule:—20 mesh, 5c. per lb.; 80 mesh, 5½c.; 100-200 mesh, 6c.

*Carnauba,[1] ton or more, bgs., f.o.b. N.Y.—
Yellow, No. 1, same basis..lb. .83¼- —
No. 2, same basis..lb. .81¼- —
No. 3, same basis..lb. .79 - —
North Country, No. 2, same basis..lb. .75¾- —
No. 3, same basis..lb. .73½- —
Chalky, No. 3, same basis.lb. .71¼- —
Refined, No. 2 North Country, same basis..lb. .76¾- .80

Note—For prices on powdered carnauba wax, add the following amounts to the above schedule:—20 mesh, 5c. per lb.; 80 mesh, 5½c.; 100-200 mesh, 6c. per lb.

Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .13½- .14
jobbing lots..lb. .14½- .15
150°-160° m.p., bgs., 1 ton..lb. .15½- .16
jobbing lots..lb. .16½- .17
160°-170° m.p., bgs., 1 ton..lb. .16½- .17
jobbing lots..lb. .17½- .18
Japan, cs..lb. No stocks
Wax, Montan, bgs..lb. .45 - .46
*Ouricury, 1-ton lots or more, bgs., f.o.b. N.Y..lb. .48½- .51¾
refined, bgs., same basis..lb. .62 - —

Note—For prices on powdered ouricury wax, add the following amounts to the above schedule:—20 mesh, 5c. per lb.; 80 mesh, 5½c.; 100-200 mesh, 6c.

Ozokerite, import, hard, green, congeal, p. 66°-68° C., bgs., lb. No stocks
70°-73° C., bgs..lb. No stocks
74°-76° C., bgs..lb. No stocks
snow-white, pure, 76°-78° C., bgs..lb. No stocks
yellow, natural, 76°-78° C., bgs..lb. No stocks

Paraffin (see P).
Spermaceti, blocks, cs..lb. .26 - .27
cakes, cs..lb. .27 - .28

[1] Note—On single sales of carnauba candelilla and ouricury waxes in less than ton lots, the following additions to maximum prices above may be made:—200 lbs. to 1 ton, 1c. per lb.; more than 100 lbs. and not less tran 200 lbs., 3c. per lb.; 50 to 100 lbs., 5c.; and 1 to 49 lbs., 10c.

White lead (see Lead, white).
White pine bark, rossed, bls..lb. .08 - .09
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 2.54 - —
Whiting, chalk, dry-grd., c.l.ton.18.00 -22.00
l.c.l. ..ton.20.00 -24.00
wet-grd., c.l. ..ton.21.00 -25.00
gilders, bolted, c.l. ..ton.20.00 -24.00
l.c.l. ..ton.21.00 -24.00
extra bolted, c.l. ..ton.22.00 -26.00
l.c.l. ..ton.23.00 -27.00
Paris white, c.l. ..ton.24.00 -28.00
l.c.l. ..ton.25.00 -29.00
Limestone, airfloated, 99¾%, 250 mesh, c.l..ton. 9.35 -10.10
200 mesh, c.l. ..ton. 8.60 - 9.50
99%, 200 mesh, c.l. ..ton. 6.25 - 7.00
water-floated, gilders' putty grade, c.l..ton.12.00 -13.00
l.c.l. ..ton.13.00 -16.00
dry ground, 325 mesh, 40 tons, f.o.b. New England plant, ton. 6.00 - —
l.c.l., up to 5 tons, same basis..ton. 7.00 - —
less than 5 tons, same basis ton. 9.00 - —
Wild cherry bark, thick, natural, bls..lb. .06½- .06
rossed, bls..lb. .15 - .18
thin, natural, bls..lb. .09½- .10
rossed, green, bls..lb. .12 - .13
Wild indigo root, bls..lb. .22 - .28
Witch-hazel extract, dist., NF, bbls..gal. .72 - .78
leaves, bls..lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., 40 mesh, c.l., f.o.b. North Tonawanda, N.Y., ton.20.00 - —
60 mesh, same basis..ton.24.00 - —
80 mesh, same basis..ton.27.00 - —
100 mesh, same basis..ton.30.00 -32.00

Bags, extra, 25c. each; must be returned for credit. Carload freight to New York, N. Y., 22c. per 100 lbs.

Import, 70 mesh, bgs., ex dock, ton. No prices
80 mesh, bgs., ex dock..ton. No prices
100 mesh, bgs., ex dock..ton. No prices
120 mesh, bgs., ex dock..ton. No prices
Wormseed, American, ogs..lb. .08 - .09
Levant, bgs. ..lb. No prices
Wormwood, bls..lb. .50 - .60

X

Xylene (see Xylol).
Xylol,[3,4,5] (xylene), indus., dms., returnable, works..gal. .22 - —
tanks, E. of Omaha, frt. alld., gal. .27 - —
tanks, W. of Coast, f.o.b. Minnequa, Colo..gal. .27 - —
10°, dms., returnable, works... gal. .35 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
3°, dms., returnable, works..gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .37 - —
8°, dms., returnable, works... gal. .47 - —
tanks, E. of Omaha, frt. alld., gal. .42 - —
Xylidin, mixed, dms..lb. .85 - .86

Y

Yara yara, cryst., cns..lb. 1.80 - 1.85
Yeast, dry brewers, dms., 50 B units..lb. .35 - —
90 B units..lb. .40 - —
120 B units..lb. .45 - —
200 B units..lb. .58 - —
300 B units..lb. .72 - —
Yellow, arsenic[2] sulphide, dom., bbls., f.o.b. New York..lb. .52 - .55
bottles, same basis..lb. .60 - .64
imp., bbls., same basis..lb. .30 Nom.
Benzidine, bbls., dlvd..lb. 1.25 - 2.25
Cadmium, CP, import, bxs..lb. 1.35 - 1.40
lithopone, primrose, lemon, golden and standard orange, ton lots, bbls..lb. .55 - —
400-2,000 lbs., bbls., lb. .60 - —
100-300 lbs., pkgs..lb. .65 - —

Yellow cadmium lithopone prices are f.o.b. Balto. or whse. points, transportation prepaid or allowed E. of Rockies.

sulphide, orange kegs or cases, works..lb. 1.10 Nom.
Chrome, CP, bbls., dlvd. No. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —

Chrome yellow, CP, prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dutch, pink, bbls..lb. .09 - .11
Hansa bbls., same basis chrome, lb. 1.37 - —
primrose shade, bbls., same basis chrome..lb. 1.75 - —
Mercury oxide, tech., bbls., 1,000 lbs..lb. 2.87 - —
smaller lots..lb. 2.89 - —
Ocher, American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls, works....lb. .02 - .02¼
French type, bbls., c.l....lb. .0345- —
l.c.l. ..lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton..lb. .04½- —
l.c.l., same basis.....lb. .05 - —
Yellow oxide, synth., bbls., c.l., works..lb. .07 - —
l.c.l., same basis.....lb. .071 - —
Persian orange (see O).
Zinc, bbls., same basis, chrome CP, contracts..lb. .15 - —
open order..lb. .15 - —
Navy specifications type, contracts..lb. .15 - —
open order..lb. .15 - —
Yellow dock root, dom., bls...lb. .16 - .22
Yellow root (xanthoriza), bls...lb. .11 - .13
Yerba santa leaves, bls..lb. .15 - .16
Yohimbine hydrochloride, vis..oz. 2.00 - 5.75

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .25 - —
less than 1,000 lbs., works..lb. .30 - —
Zinc, [1,2] Metal (see Paint market).
acetate, tech., bbls., dlvd....lb. .16 - .17
USP, bbls., 250 lbs. ..lb. .27 - —
Arsenite, kgs., 100 lbs. ..lb. .29 - —
E. of Rockies..lb. .12 - —
l.c.l. ..lb. .12½- —

Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 96 lbs. or over.

Carbonate, tech., bbls. ..lb. .14 - .20
USP, precip., powd., bbls..lb. .32½- —
25-lb. dms. ..lb. .37½- —
kgs. ..lb. .34½- —
Chloride, tech., fused, dom., c.l., works..100 lbs. 5.00 - —
l.c.l., works..100 lbs. 5.25 - —
gran., dms., c.l., works.... 100 lbs. 5.75 - —
l.c.l., works..100 lbs. 6.50 - —
USP, 100-lb. dms. ..lb. .80 - .81
25-lb. jars ..lb. .86 - —
solut., 50%, dms., c.l., works, lb. .0315- —
l.c.l., works..lb. .04¼- .04½
tanks, works..lb. .0250- —
Chromate (see Yellow Zinc Chromate).
Cyanide, kgs., works..lb. .33 - .37
Dust,[6] bbls., c.l., dlvd..lb. .1035- —
l.c.l., f.o.b. works..lb. .1135- —
Fluoride, bbls. ..lb. .25 - .30
Iodide, NF, bots..lb. 4.54 - —
jars ..lb. 4.40 - —
Metal (see daily quotations in Market report).
Oxide,[2] pigment, dom., acidular type, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd. ..lb. .07¼- —
bbls., c.l., dlvd. ..lb. .07½- —
l.c.l., dlvd. ..lb. .07¾- —
lead free ..lb. .07½- —
l.c.l., dlvd. ..lb. .07½- —
bbls., c.l., dlvd....lb. .07½- —
l.c.l., dlvd. ..lb. .07¾- —
leaded, 5%, bgs., c.l., dlvd. 5%, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd. ..lb. .07¾- —
bbls., c.l., dlvd....lb. .07¾- —
l.c.l., dlvd. ..lb. .07¾- —
35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd. ..lb. .07½- —
bbls., c.l., dlvd....lb. .07½- —
l.c.l., dlvd. ..lb. .07½- —

Prices on West Coast ½c. per lb. higher.

French process, com'l, lead free, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd. ..lb. .07½- —
bbls., c.l., dlvd....lb. .07½- —
l.c.l., dlvd. ..lb. .07¾- —
green seal, bgs., c.l., dlvd., lb. .09 - —
l.c.l., dlvd. ..lb. .09½- —
bbls., c.l., dlvd....lb. .09½- —
l.c.l., dlvd. ..lb. .09½- —
Zinc oxide, pigment, dom., French process, red seal, bgs., c.l., dlvd..lb. .08½- —
l.c.l., dlvd. ..lb. .08¾- —
bbls., c.l., dlvd....lb. .08¾- —
l.c.l., dlvd. ..lb. .09 - —
white seal, bgs., c.l., dlvd., lb. .09½- —
l.c.l., dlvd. ..lb. .09¾- —
bbls., c.l., dlvd....lb. .09¾- —
l.c.l., dlvd. ..lb. .10 - —
imported, gold seal, cks., ex whse..lb. .10 - —
green seal, bbls., ex whse, lb. No prices
white seal, cks., ex whse.lb. No prices
USP, c.l., 50-lb. bgs. ..lb. .10½- —

Zinc oxide prices in l.c.l. are ¼c. higher. Lead-free add 5% and 35% leaded zinc oxide in car lots are ½c. per lb. higher delivered Pac. Cst., and in less car lots are ½c. per lb. higher ex whse. Pac. Cst.; 50% leaded is 5.5c. per lb. higher for car lots delivered Pac. Cst.

Palmitate, bbls. ..lb. .32 - .35
Resinate, fused, pale, bbls...lb. .11 - .12
precip., dms., dlvd. ..lb. .15 - —
Silicofluoride, bbls. ..lb. .15 - .19
Stearate, tech., precip., or USP, ton lots..lb. .30 - —
less than ton lots..lb. .31 - .33
Sulphate, cryst., bgs., c.l.... 100 lbs. 3.60 - —
l.c.l. ..100 lbs. 4.35 - —
bbls., c.l. ..100 lbs. 3.95 - —
l.c.l. ..100 lbs. 4.60 - —
flake, bgs., c.l. ..100 lbs. 4.10 - —
l.c.l. ..100 lbs. 4.85 - —
bbls., c.l. ..100 lbs. 4.35 - —
l.c.l. ..100 lbs. 4.80 - —
powd., bgs., c.l. ..100 lbs. 5.80 - —
l.c.l. ..100 lbs. 6.55 - —
bbls., c.l. ..100 lbs. 6.05 - —
l.c.l. ..100 lbs. 6.80 - —
Sulphide,[1] pure, bgs., c.l. (20 tons), dlvd..lb. .08¼- —
l.c.l., dlvd. ..lb. .08½- —
bbls., c.l. (20 tons), dlvd..lb. .08½- —
l.c.l. ..lb. .08¾- —
barium, pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd. ..lb. .0585- —
calcium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd. ..lb. .0585- —
magnesium, pigment, bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd. ..lb. .06 - —
Yellow (See Yellow, Zinc) chrome (see Yellow, zinc)
Sulphide delivered to Pac. Cst. is ¼c. per lb. higher for the pure and ½c. for the others.
Sulphocarbolate, NF, bbls., dms. lb. .24 - .25
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works..100 lbs. 6.70 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd., E. of Rockies. lb. .06¼- —
dlvd., Pac. cst..lb. .06½- —
ex whse., Pac. cst....lb. .07 - —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 70-75%, gr., bbls., works..ton.75.00 -100.00
white, 99%, grd., kgs., works. lb. 1.80 - 2.00

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials will appear next in the February 1 issue of OPD.

Shipping Information

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New York Imports

BABASSU KERNELS—1,144 bgs, Bankers Trust Co
CAFFEIN—50 cs, National City Bank
50 cs, Coca Cola Co
ANHYDROUS—37 bbls, 5,152 lbs, Coca Cola Co
CARDAMOM—10 cs, 1,100 lbs, Irving Trust Co
CASTOR BEANS—36,488 bgs, 5,473,200 lbs, Baker Castor Oil Co
4,116 bgs, 617,400 lbs, National City Bank
1,667 bgs, 250,050 lbs, Bankers Trust Co
1,665 bgs, 249,750 lbs, Bunge North American Grain Co
1,666 bgs, 249,900 lbs, First National Bank
13,183 bgs, 1,977,450 lbs, Spencer Kellogg & Sons
3,388 bgs, 508,200 lbs
2,340 bgs, 351,000 lbs, Guaranty Trust Co
3,333 bgs, 499,950 lbs, Chase National Bank Trust Co
1,700 bgs, 255,000 lbs, Continental Illinois National Bank Trust Co
850 bgs, 127,500 lbs, Merchants National Bank
CELERY SEED—52 bgs, 6,240 lbs, Otto Gerdau Co
90 bgs, 10,800 lbs, Kachurin Drug Co
COCOA BEANS—2,000 bgs, 260,000 lbs, Cocoa Trading Co
300 bgs, 39,000 lbs, Kennedy, Butcher & Co
3,200 bgs, 416,000 lbs, General Cocoa Co
850 bgs, 110,500 lbs, W R Grace & Co
200 bgs, 26,000 lbs, M Goldodtz & Co
600 bgs, 78,000 lbs, Blumenthal Bros
300 bgs, 39,000 lbs, Daarnhouwer & Co
1,400 bgs, 182,000 lbs, General Foods Corp
9,000 bgs, 1,170,000 lbs, A C Israel Commodity Co
300 bgs, 39,000 lbs, Cocoa Importing Co
1,100 bgs, 140,000 lbs, Kennedy, Butcher & Co
200 bgs, 26,000 lbs, Farr & Co
2,100 bgs, 273,000 lbs, Rockwood & Co
400 bgs, 52,000 lbs, Wessel, Duval & Co
600 bgs, 78,000 lbs, Willard Hawes & Co
14,800 bgs, 1,924,000 lbs, Wessel, Kulenkampf & Co
200 bgs, 26,000 lbs, Schwabach & Co
600 bgs, 78,000 lbs, Wood & Selick
2,700 bgs, 351,000 lbs, Nieschlag & Co
1,200 bgs, 1,236,000 lbs, Hershey Chocolate Corp
FLEASEED—130 bgs, Peek & Velsor
GUM, ASAFETIDA—50 pkgs, Chase National Bank Trust Co

YOU, too, should have your imports listed here for the information of OPD readers—it costs you nothing.

Mail lists of arrivals promptly and regularly, or telephone them—REctor 2-9820.

HAIR, HORSE TAIL—12 bls, Manufacturers Trust Co
IPECAC ROOT—28 bgs, S B Penick & Co
34 bgs, Brown Bros Harrimann Co
MEDICINAL PREPS—49 cs, D C Andrews & Co
8 cs, Co-Operative Service Co
9 cs
MINERALS—3,341 bgs, Cole & Co
NUX VOMICA—307 bgs, Volkart Brus
OIL, CASTOR—235 dms
DIESEL—87,430 bbls, Standard Oil of N J
ESSENTIAL—2 cs, French American Banking Corp
FUEL—58,943 bbls, Asiatic Petroleum Corp
102,925 bbls
LEMONGRASS—1 dm
MURU MURU—81 dms, Durkee Famous Food
PALM—221 bbls
813 tons, 17 cwts, 23 lbs, Balfour, Guthrie & Co
SASSAFRAS—12 dms, Bank of Manhattan
4 dms, Irving Trust Co
9 dms, J Berlage & Co
PAINT—12 bbls
PAPRIKA—56 bgs, H R Potter & Co
POTASH TARTRATE—807 bgs, French American Banking Corp
SQUILL, RED—1,058 bgs, S B Penick & Co
494 bgs, French American Banking Corp
WAX, BEES—75 bgs, Irving Trust Co
58 bgs, Rosin Product Co
CARNAUBA—979 bgs, Bank of London South America
672 bgs, W R Grace & Co
112 bgs, Guaranty Trust Co
68 bgs, Manufacturers Trust Co
224 bgs, National City Bank
313 bgs, Strahl & Pitsch
56 bgs, Hank of New York Trust Co
44 bgs, Wessel, Duval & Co
56 bgs, Innis, Speiden & Co
168 bgs, Brown Bros Harrimann Co
616 bgs, Chase National Bank Trust Co
280 bgs, Wm M Allison & Co
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Textile, Paper Bags Brought Under Control

OPD Washington Bureau

Control over textile and paper shipping bags for the packing of foods, chemicals, seeds, and other specified products is imposed by conservation order M-221, as amended January 13 by the Director General for Operations. Beginning April 1, 1943, manufacturers, processors or packers of beans, cement, chemicals, foods, fertilizer, flour, meal or cereals, nuts, plaster, potatoes, rice, seeds, starch or sugar may pack their products only in specified sizes.

The permitted sizes (based on weight of contents) follow:—2, 5, 10, 25, 50 and 100 pounds or over.

Use of new cotton bags is confined to the following products:—Beans, cotton, feed, flour, fruits, grain, meal, nuts, potatoes, rice, salt, seeds, sugar, starch, tobacco, vegetables, cement, chemicals, core sand, fertilizer, glues, gypsum, malt, meats, metal abrasives, metal parts, pastes, plaster, and sand.

72d—OPD—Year

WPB Regional Directors Get More Authority

OPD Washington Bureau

A further step toward decentralization of the War Production Board has been taken with the granting of increased authority for approval of individual emergency preference ratings to the field offices of WPB.

The twelve regional directors of WPB are authorized to approve, countersign, and issue individual preference ratings for emergency repair, up to and including AA-1, in accordance with specific instructions to be issued from time to time by the Deputy Director General for Distribution.

Regional directors may authorize the deputy directors to perform these functions. In addition, the 110 district offices may for the first time grant ratings for emergency repair, up to and including AA-2. The authority delegated is limited to cases where the material for which the applicant seeks priority assistance does not exceed $500 in value.

72d—OPD—Year

Chemical Plant Contracts Increased

Jesse Jones, Secretary of Commerce, has announced that Defense Plant Corporation, RFC subsidiary, has authorized:—

An increase in its contract with Pennsylvania Salt Manufacturing Company, Philadelphia, to provide additional equipment for a plant in Michigan. With these added facilities, the over-all commitment will exceed $450,000.

An increase in its contract with Tennessee Products Corporation, Nashville, Tenn., to provide additional plant facilities in Tenn. With these additional facilities, the over-all commitment will exceed $700,000.

Title to all facilities will remain in the Defense Plant Corporation.

72d—OPD—Year

National Carbide Company will construct a new plant, to be located in a Midwest State, at a cost of $1,500,000.

Salvage Division Formed by WPB

OPD Washington Bureau

War Production Board Chairman Donald M. Nelson announced today the formation of a Salvage Division, headed by Paul C. Cabot as director. Creation of a Salvage Division follows the resignation of Lessing J. Rosenwald as director of the Conservation Division in charge of all salvage operations. The new division will be in the resources agencies group under the Director General for Operations. Mr. Rosenwald asked to be relieved in order to return to his post with Sears, Roebuck & Co., Chicago.

72d—OPD—Year

Dr. Reid Shifted To Higher WPB Post

—Continued from page 3

tor general, Mr. Kimberly has full authority to exercise the powers of the director general in the latter's absence.

Appointment of William K. Frank as Director of the General Industrial Equipment Division to succeed C. S. Williams, now Director of the Controlled Materials Division of the Office of Civilian Supply, has been announced by the Director General for Operations. Mr. Rrank has been Deputy Director of the General Industrial Equipment Division. He is also chairman of WPB's Resources Protection Board, which position he will continue to fill. Before coming to the government in November, 1941, Mr. Frank was chairman of the board of the Copperweld Steel Company of Pittsburgh.

72d—OPD—Year

Plastic, Coldwater Paint Sales Reported

Sales of plastic and coldwater paints and calcimines reported by sixty manufacturers to the Bureau of Census for November, 1942, were as follows:—

Plastic Paints

	Pounds	Value
Paste and dry powder, both casein and glue-bound (no longer shown separately), total.....	446,393	$36,568

Coldwater Paints

	Pounds	Value
Exterior, lime or cement bound	655,468	$43,992
casein-bound	314,289	20,346
Interior, casein - bound paste or semi-paste form	*368,328	456,156
dry-powder form.....	1,100,857	104,164
glue-bound	236,146	8,189

* Gallons.

Calcimines

	Pounds	Value
Hot-water	780,075	$54,496
Cold-water	832,263	42,946

Sales of these products for November, 1942, compared with the corresponding period of 1941, were as follows:—

Plastic paints.....lbs.		446,393	472,838
	value.	$36,568	$39,722
Cold-water paints.	value.	$632,847	$488,028
Calcimines .....lbs.		1,612,338	3,422,506
	value.	$77,444	$161,267

72d—OPD—Year

International Minerals & Chemicals Corporation, Chicago, is issuing new Serial Debentures in the amount of $7.500.000.

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Oil, Paint & Drug Reporter

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Cross-Hauling Controls

In some, at least, of its applications, the term, "cross-hauling," as it relates to WPB regulation of business, is synonymous with certain meanings and connotations of "concentration of industry." In various ways and to various degrees, it will have a very similar effect in some industries. It is significant, in this respect, that WPB officials having to do with cross-hauling orders, in formulation and administration functionings, are little concerned with the value of a brand-name. As yet, this attitude distinguishes between a brand-name, and a trade-name or trademark, a brand-name being only a differentiating designation of the manufacturer or seller of an article distributed and sold under a common name.

So, for the time being, at least, trademarked or, as popularly known, nationally advertised, consumer goods will not directly be subjected to curtailment in quantity of production or territory of distribution. But, these goods will eventually feel the pinch of cross-hauling bans on the raw and intermediate materials entering into their production. The curtailment will be indirect, as it has been and is in the effects of limitation orders on end uses of such materials.

Control of cross-hauling—again, for the time being—will not substantially affect the earnings of the several members of an industry to which it is applied, as the plan is designed to permit competitors who must divide marketing areas to make pooling arrangements with respect to the proceeds of their allocated selling. At least in the prospectus such agreements are to be harmless under the antitrust laws. But, it goes without saying that they will be continuously scrutinized by the Department of Justice in their making and in their operation; so, they are not to be looked upon as amending or superseding the statutes normally applicable to such actions.

It is to be expected that the control of cross-hauling will fall far short of providing adequate supplies of scarce materials: it can be expected only to effect somewhat more equitable distribution—it will produce nothing more. So, the necessity for curtailment of production of finished goods will not be lessened by control of cross-hauling beyond the measure of the indirect effect of the latter on producers' supplies. Because of the vast difference in the matter of distances, the experience of England or any other European country with concentration of production is no guide in the problem in this country. But, the experience of British industry with respect to the preferability of volunteer programs over governmentally enforced curtailment, may well be accepted as a competent teacher and a reliable guide.

72d—OPD—Year

Shift of Food Controls

It will be well for business to withhold for a time its judgment on the transferring of wartime controls of the food supply from the War Production Board to the Department of Agriculture. It is due those who thus are faced with the necessity of revolutionarily changing their policies that they be given time at least to make an earnest attempt to reorientate themselves. At least the cabinet head of the department has shown some knowledge of today's demands on primary producers of foodstuffs.

If the Department of Agriculture is going to do an equitable job of providing food for the people of the United States, it will have to change its ideas and its methods greatly. There is no reason to believe that it will not do this; for, bureaucratic as it may be; shortsighted as have been some of its major programs, it is not so selfishly blind to the needs of the nation as are the farm blocs of Congress and the politically pestiferous, profit-purposed sylvan syndicates and bucolic bunds which they represent.

It is to be hoped that the Department of Agriculture's conception of wartime regulation of the food supply differs wholly from its one-time idea that what this country needed was production of less foodstuffs at higher prices—the old plow-it-under, kill-the-piggies system of helping the farmer by hurting everybody else. If there has not been a complete change from that ideology, the present generation is going to see the end of private enterprise in agriculture as a concommitant of the overthrow of a false-front democracy and the open practice of syndicalism.

The legislative program announced a short time ago by the farm syndicates has already been reflected in open, retaliatory opposition on the part of labor. If the defection of its one-time buddy is substantially consummated, agriculture (in the politically active, profiteering sense) is quite likely to find its occupation gone.

It is devoutly to be hoped that, as supervisor of the nation's feeding, the Department of Agriculture will be neither departmental nor agricultural, neither bureaucratic nor blocist, but wholly national in its concepts and its operations.

Civilian Medical Service

The problem of providing adequate medical service for the civilian population grows bigger as the demands for physicians for the armed forces increase. As these demands must increase until about one-half of the total number of physicians qualified and able to practice have been taken from civilian service, solution of the problem becomes of serious concern from every economic angle. Especially must due consideration be given by the drug industry and its collaborators in various chemical fields to the method, as well as the mechanics, of its solution.

At the present time the War Manpower Commission, which, as everybody knows, is very closely associated with the national health and welfare program, is publicly advocating voluntary relocation of physicians to provide an adequate distribution of medical service and the remedying of local deficiencies. The commission reports that more than 400 physicians have been relocated. This is far from the number that will have to be shifted.

There are a number of puzzles in the path of adequately distributing available medical service. One of these is the inability of a goodly number of physicians to work under the conditions obtaining in many of the new industrial center and in rural communities. They are too far accustomed to the refinements of metropolitan hospital facilities, consultants, and so on. The specialist is at a loss when it comes to filling the place of a general practitioner—and those are the places mostly needing to be filled. Also, in spite of much high-minded theorizing, there are serious, almost insurmountable ethnologic obstacles to making full use of physicians who can well be spared from their present locations.

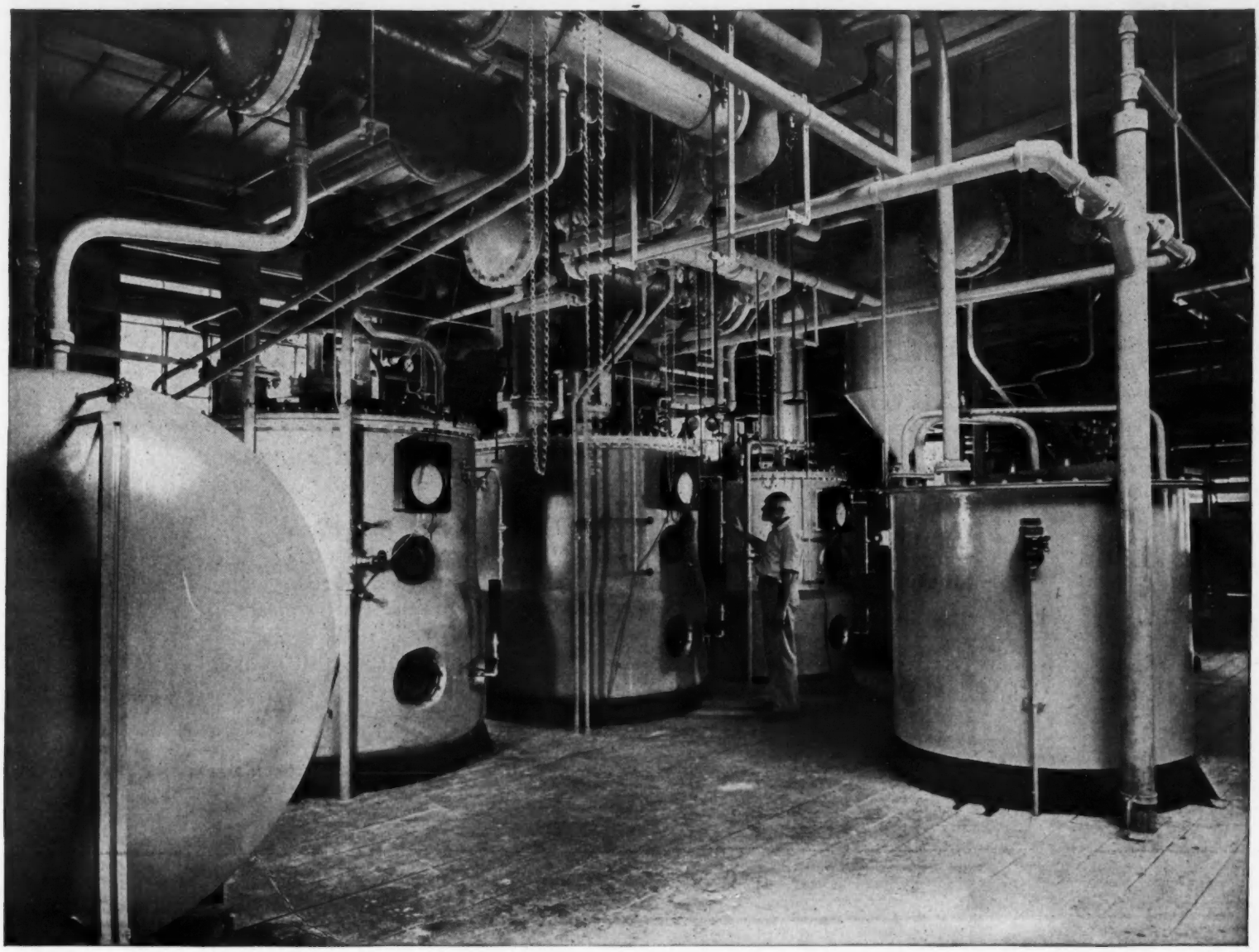
The several puzzles point to the possibility of governmental subsidizing of medical service. There can be no denying that the service must be supplied by some means. The druggist must again become the apothecary, adviser in lesser ills. Medical and pharmacal boards or organizations must cooperate in contriving the ultimate preservation of their correlated, complemental callings.

72d—OPD—Year

Square-Deal Taxation

There is a growing advocacy, even in Congress, of a Federal income tax system on a pay-as-you-go basis. There are good arguments on both sides of the attendant question of whether the tax on 1942 incomes should be dropped. These all resolve themselves into the question of whether the government will be worse off if it loses the revenue from last year's earnings or that from the earnings in some future year when the taxpayer quits earning. The difference can only be guessed at.

The mechanics of a pay-as-you-go scheme will be tested in the victory tax now obtaining. There is no good reason to expect any failure in the operation. There is strong talk already—the 1943 spending program is astronomically expansive—for a doubling of the victory tax, and its further progressive multiplication is not unexpectable. The necessity is that the paying of imperative taxes be made as easy as possible. The square thing to do is to start now collecting all Federal tax openly from current earnings in the measure of the nation's needs. Hidden imposts and discriminatory excises belong to a darker age.



Industrial Products by Fermentation Processes

• Noah has received credit for one of the earliest recorded chemical discoveries. He found that under some conditions grape juice underwent a change and the resulting product, when imbibed, produced a pleasant physiological effect entirely different from that which the original juice gave. Unfortunately, as a result of continuing his testing "not wisely but too well", he has received some undesirable notoriety.

It was also observed at an early date that sometimes fruit juices underwent another type of change which resulted in the development of sourness. Milk was also found to become sour on storage. Since the resulting products found practical use, empirical methods of regulating these alterations were developed.

Not until the investigation of Pasteur was it recognized that these changes were due to the growth of various microscopic organisms. It had been noticed earlier, however, that the development of visible organisms, termed molds, also resulted in changes of the medium on which they grew.

Since Pasteur a large number of experimenters have developed methods not only of preventing, but also of encouraging, the growth of these organisms, both visible and microscopic. Others have studied the chemical changes brought about by them. It is now recognized that these reactions are similar to, or in many cases the same as, those occurring during the development of a fruit or vegetable and are natural vegetative processes.

As a result of some of these researches a considerable variety of products of industrial importance is now being manufactured by the careful cultivation of a number of these organisms. Since this is a comparatively new field, it can safely be assumed that with time the number of compounds produced by such methods will be greatly enlarged. The probability of this is increased by the fact that the raw materials for such processes are generally of American agricultural origin, thus removing any dependence on foreign products.

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Heavy Chemicals

Lower Price Must Accompany Reduction in Size of Container, WPB Informs Chemical Manufacturers, Wholesalers, Distributors —Government Regulations Again Feature Market

Manufacturers, whoesalers, and distributors of chemical products cannot reduce the size of their containers in changing from tin to glass packaging without reducing their prices, the Office of Price Administration announced last week, when government regulations again featured the market for heavy chemicals. Control over textile and paper shipping bags for the packing of chemicals and other specified products has been imposed by WPB through order M-221, just issued.

The period during which Metals Reserve Company will pay premiums on over-quota production of domestic copper, lead, and zinc has been extended until July 31, 1945, to aid in insuring maximum production of these metals for use in the war effort, the Secretary of Commerce has announced. The Copper Division of WPB has warned that there is no reason for relaxation of restrictions on use or relaxation of efforts to acquire every pound of copper wherever it is available. Consumption of tin in this country will be cut another 12,000 to 15,000 tons this year by a new general preference order M-43 just issued by WPB to replace previous orders M-43 and M-43-a.

WPB has ruled that, because a CMP inventory report for the quarter ended December 31, last, will be required of aluminum users, inventory report on form PD-40-A will not be required for that quarter. Due to the fact that certain tungsten and molybdenum chemicals, including pigments, are now controlled by the Chemicals Division of WPB, these materials have been removed from the M orders on tungsten and molybdenum.

Paper production, as a percentage of six-day capacity, was 86.8 in the week ended January 9, according to the American Paper and Pulp Association. This compares with 73.6 in the previous week and 103.5 percent a year ago.

Alumina Hydrate. — Transactions governed by WPB allocations. Prices rule unchanged.

Aluminum.—WPB has ruled that, because a CMP inventory report for quarter ended December 31, last, will be required of aluminum users, inventory report on form PD-40A will not be required for that quarter.

Alum, Soda.—Position unaltered. Prices same.

Ammonia Aldehyde.—Demand light. Quotations show no change.

Ammonia Fluoride.—Shipments to consumers in light volume. Price schedules confirmed.

Antimony Oxide.—Level of demand unchanged. Prices unaltered.

Arsenic, White.—Consumers' needs at recent levels. Market tone continues firm.

Barium Chlorate.—Material under WPB allocation control. Prices show no change.

Bauxite.—WPB allocations rule. No movements pricewise.

Bleaching Powder.—Demand active. Shipments being made to consumers in fiber containers. No change in quotations.

Calcium Chloride.—Good demand for Winter uses holds market firm.

Carbon Tetrachloride. — Producers have been granted an extension of a WPB ruling allowing them to sell their products to manufacturers holding a B-2 rating who used the carbon tetrachloride for certain specified civilian purposes. Extension was granted through issuance of general preference order M-41 as amended.

Chlorine.—WPB allocations rule. War needs heavy. Output heavy but exceeded by demand. Tone very firm.

Chloropicrin.—Orders in large volume. No change pricewise.

Copper.—Copper Division of WPB warns there is no reason for relaxation of restrictions on use or relaxation of efforts to acquire every pound of copper wherever it is available.

Copper Sulphate.—Good volume of business being transacted for Spring season. Quotations firmly held.

Copperas. — Light movement to normal consuming channels. Prices same.

Cryolite. — Transactions on both natural and synthetic material controlled by WPB allocations. No movements as regards quotations.

Cyanide-Chloride Mixture. — Material in fair demand. Prices show no change.

Ethyl Chloride. — Demand light. Prices unchanged.

Feldspar.—Heavy shipments to glass industry. Prices confirmed.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows: —

Last week.	Prev. week.	Last month.	Last year.
170.2	170.2	170.2	168.9

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Market news that may have developed after this report was sent to press will be found on page 4.

Ferric Sulphate. — New features lacking. Prices unchanged.

Fluorspar.—Shipments by producers to users of both metallurgical and ceramic grade fluorspar controlled by WPB. Quotations unaltered.

Glauber's Salt.—Consumers taking shipments at fair rate. No movements pricewise.

Lead Acetate.—Market quiet. Price schedules show no change.

Lime.—Flow of material into consuming channels at brisk rate. Peak shipping from all plants. Tone very firm.

Molybdenum Metal Powder.—Because certain tungsten and molybdenum chemicals, including pigments, are now controlled by the Chemicals Division of WPB, these materials have been removed from the M orders on tungsten and molybdenum. Orders amended are M-29 (tungsten) and M-110 (molybdenum).

Manganese Acetate.—Inquiry light. Quotations same.

Manganese Arsenate.—WPB allocations govern transactions. No change in prices.

Nickel Oxide.—Material under WPB allocation control. New features lacking. Prices rule unchanged.

Paris Green.—No new developments. Demand continues light. Quotations unchanged.

Potash Carbonate.—Users' needs unchanged from recent levels. Prices show no change.

Saltpeter.—War needs heavy. Moderate demand from other quarters. Tone firm.

Soda Antimoniate.—Fair movement. Supplies satisfactory. Quotations unaltered.

Soda Ash.—Consumers taking shipments in substantial volume. Quotations confirmed.

Soda, Caustic.—Improved demand. Synthetic rubber program needs expected to be in considerable volume. Prices show no change.

Soda Chlorate.—Transactions governed by WPB allocations. Quotations unaltered. Material will be available for weed eradication this year in quantities sufficient to care for major needs without rigid state quotas, according to Department of Agriculture and WPB.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 8

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Soda Chromate.—Consumers of primary chromium no longer required to file form PD-54 with suppliers but only with WPB under general preference order M-18-b as recently amended.

Tin.—Consumption of tin in this country will be cut another 12,000 to 15,000 tons this year by a new general preference order M-43 just issued by WPB to replace previous orders M-43 and M-43-a. New cut will bring anticipated tin use in 1943 to about one-half 1941 consumption.

Zinc Cyanide.—No change in rate of activity. Prices same.

Acids

New features were lacking in the market for chemical acids during the past week. Acetic, muriatic, nitric, and sulphuric continued to move in good volume into war production channels, and price schedules showed no alterations.

Abietic.—No new features in market. Prices unchanged.

Acetic.—Position tight. No movements pricewise.

Acetic Anhydride.—WPB allocations rule. Position very tight. Tone firm.

Formic. — No new developments. Price schedules unaltered.

Hydrofluoric.—Supply and demand conditions unaltered. Prices same.

Lactic.—Market devoid of new features. Prices show no change.

Muriatic.—War needs heavy. Quotations firm.

Naphthenic.—WPB allocations control transactions. Prices unchanged.

Nitric.—Takings for war production purposes heavy. Quotations confirmed.

Sulphuric.—Material under WPB allocation order. Demand taxes productive capacity. Prices unaltered.

Baltimore, Jan. 13.—The sulphuric acid situation continues without change, with the demand coming chiefly from the government and only the excess of production above such needs being available for agricultural and other purposes. Approximate prices are:—98-degree acid, $17.83 per ton; 66-degree, $16.95 per ton; and 60-degree, $14.13 per ton. Oleum is held around $19 per ton for 20 percent supplies.

Insecticides

Calcium Arsenate.—Material in active demand. Prices unaltered. Shortage of calcium arsenate, due to difficulty of obtaining imports, is said to be causing concern in Colombia, where it is used for dusting cotton plants. Conditions there necessitate at least five dustings per crop. Because of insufficient stocks of calcium arsenate, growers have curtailed plantings of cotton.

Lead Arsenate.—Consumers' needs light. Quotations show no change.

Nicotine Sulphate. — Supplies considered adequate. Prices same.

Paradichlorobenzene. — Position unaltered. Prices unchanged.

38 Chemicals, Oils In Cross-Haul Pool

—Continued from page 3

such arrangements are to be undertaken voluntarily and the WPB has no present intention of issuing orders compelling the common use of facilities.

Whenever such arrangements are undertaken they must be reported to the WPB. At the present time the WPB has no knowledge of the savings in transportation that will be affected, but believes that it will be "substantial." After the reports are in and examined a more accurate picture of the savings will be available and also will show whether affirmative action must be taken to bring about even greater savings.

72d—OPD—Year

Chemical Salesmen To Meet January 21

The Salesmen's Association of the American Chemical Industry will meet at 6:30 p.m., in the Chemists' Club, this city, January 21, for installation of officers. Dinner will be served at 7 p.m., free to members of the association. Reservations are in charge of Frank G. Fanning, Malmstrom & Co., 147 Lombardy street, Brooklyn.

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Coaltar Chemicals

Phenol Price Reduction Outstanding in Otherwise Routine Market — Basic Products Continue in Tight Position — Acids And Intermediates Remain in Short Supply

As a result of savings effected in some quarters in the heavy production of phenol, large quantities of which are being taken for the war effort, quotations on this item have been lowered 2c. per pound. Benzol allocations were granted in full in December for use in the manufacture of phenol and, effective December 1, allocation of phenol was extended to include certain substituted phenols and phenol-bearing materials by general preference order M-27, as amended. WPB pointed out that experience with phenol allocation had shown the necessity for including a large number of phenol compounds, so that control over the entire supply could be exercised.

The market for coaltar chemicals in general showed little change over the week. Basic products for the most part remained in very tight supply despite heavy production schedules, and this, of course, held many acids and intermediates short. Hydrogenated solvents continued in good call, and coaltar color producers were striving to keep up with their deliveries to mills working on government contracts.

Production of steel ingots and castings in the United States for 1942 established a new record of 86,092,209 tons, according to the American Iron and Steel Institute. The total exceeded by 3,255,000 tons the previous record production of 82,836,946 tons in 1941 and was 70 percent above production in the record year of World War I. During December the steel industry operated at an average of 96.6 percent of capacity, as against 97.9 percent in November and 97.9 percent of its then existing capacity in December, 1941.

Price Changes

Advanced

None

Reduced

Phenol, 2c. per lb.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.2	130.1	130.1	130.1

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Heavy movement of material to government stockpile for use in connection with synthetic rubber program continues. Needs for aviation gasoline remain in large volume. Prices steady. Estimates of byproduct cokeoven operations in two weeks ended January 9 indicate production from that source of 7,443,700 gallons of benzol.

Coaltar.—Position unaltered. Quotations show no change. Estimates of byproduct cokeoven operations in two weeks ended January 9 indicate production from that source of 29,054,500 gallons of coaltar.

Creosote Oil.—Good movement of material to utilities and railroads. No change pricewise. Estimates of byproduct cokeoven operations in two weeks ended January 9 indicate production from that source of 1,536,700 gallons of creosote oil.

Naphthalene.—Phthalic anhydride production continues in large volume, requiring extensive quantities of naphthalene. WPB allocations rule. Crude production heavy and demand for refined seasonally light. Prices unaltered. Estimates of byproduct cokeoven operations in two weeks ended January 9 indicate production from that source of 3,242,600 pounds of crude and refined naphthalene.

Phenol.—Quotations reduced 2c. per pound. Large quantities being taken for war effort. Supplies available for intermediates light. Estimates of byproduct cokeoven operations in two weeks ended January 9 indicate production from that source of 432,200 pounds of phenol.

Pitch, Coaltar.—No new developments. Market position firm.

Pyridin.—Prices hold unchanged. Tone continues steady.

Tar Acid Oil.—WPB allocations govern transactions. No alterations pricewise.

Toluol.—Munitions needs remain extremely heavy. Little material to be had for non-essential uses. Prices same. Estimates of byproduct cokeoven operations in two weeks ended January 9 indicate production from that source of 1,488,700 gallons of toluol.

Xylol.—Transactions governed by WPB allocation order. Tighter supply situation anticipated. Price schedules show no change. Estimates of byproduct cokeoven operations in two weeks ended January 9 indicate production from that source of 336,100 gallons of xylol, crude and refined.

Chicago, Jan. 13.—Interest in benzol is good, with business moderate. Ruling prices exclusive of tax are:—Benzol, 90 percent, 15c. per gallon; toluol, 28c.; 10-degree xylol, 27c.; solvent naphtha, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexane.—Good call for material. No change as regards prices.

Cyclohexanol.—Tone unaltered. Demand continues good. Quotations same.

Cyclohexanone.—Good movement into consuming channels. Prices unaltered.

Methylcyclohexanol.—Demand remains active. Quotations steady.

Coaltar Acids

Anthranilic.—Offerings restricted. Prices firm.

Benzoic.—New features lacking. Quotations show no change.

Broenner's.—Dealings routine. No alterations pricewise.

Cleve's.—Demand fairly active. Market retains its firmness.

Fumaric.—Inquiries brisk. No change disclosed in quotations.

Gamma.—Purchases at moderate level. No alterations in prices.

H.—Tone firm. Demand continues at recent levels.

Maleic.—Steady movement into consuming channels. No alterations pricewise.

Malic.—Moderate call. Quotations steady.

Picric.—Position unaltered. Prices same.

Salicylic.—Supplies tight. No movements pricewise.

Tobias.—Market tone unchanged. Prices unaltered.

Other Intermediates

Alphanaphthylamine.—Market tight. Prices unchanged and firm.

Anilin.—Material under WPB allocation control. Prices show no change.

Anthraquinone.—Civilian quotas remain at 70 percent of 1941 consumption for all anthraquinone dyes for first quarter. Quotations same.

Benzidin Base.—No new features. Prices unaltered.

Diethylanilin.—Supplies tight. No change in quotations.

Dimethylanilin.—Available supplies light. Market firm.

Dinitrobenzene.—Demand steady. Supplies short. Tone unchanged.

Dinitrotoluene.—Heavy demand. Supplies light. Prices firm.

Diphenyl.—Interest steady. Market firm.

G Salt.—Business routine. No movements pricewise.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 8

Metanitroparatoluidin. — Situation continues tight. Prices without change.

Monochlorobenzene. — War needs hold market tight. Prices unchanged.

Nitrobenzene.—Tight supply condition prevails. Prices show no change.

Orthoanisidin. — Steady interest. Market firm.

Orthocresol.—Material under WPB allocation. Prices unaltered.

Orthodichlorobenzene. — Position tight. Quotations same.

Orthonitrotoluene. — Offerings limited. Quotations firm.

Paradichlorobenzene. — Position unaltered. Prices unchanged.

Paranitroanalin. — Good call. Supplies light. Tone firm.

Phthalic Anhydride.—Material continues under WPB allocation and use control. Production and demand heavy. Position firm.

Coaltar Colors

Coaltar color producers continued busily engaged in supplying the demand from mills working on government contracts. While basic materials are tight, color producers are able for the most part to keep up with their deliveries to these mills due to the high priorities involved. Civilian quota for all anthraquinone dyes for the first quarter remains at 70 percent of 1941 consumption. As regards other shades, the curtailed operations in the civilian textile industry have in some instances resulted in rather good inventories.

72d—OPD—Year

WPB Establishes Six New 'Claimant Agencies'

OPD Washington Bureau

Establishment of six new "Claimant Agencies" to present claims for critical materials to the War Production Board was announced January 12. The agencies are being sent invitations to nominate members to represent them on the Requirements Committee. They include:—National Housing Agency, Office of Rubber Director, Office of Defense Transportation, Petroleum Administrator for War, Food Administrator, and Facilities Bureau of WPB.

AA-3 Blanket Rating For Housing Agency

A blanket preference rating of AA-3 has been assigned by the War Production Board to deliveries of materials for use in the construction of most of the war housing projects programmed by the National Housing Agency. This action, which makes the up-rating automatic for the builder, affects the war housing for which preference rating orders P-55 have been issued to a builder, or P-19-d and P-19-h have been issued to the Federal Public Housing Authority. The builder, however, is responsible for extending the new rating to his suppliers in accordance with Priorities Regulation 12 of WPB.

72d—OPD—Year

APC Amends Rules For Licensing Patents

—Continued from page 5

which such transactions may be allowed are these:—

(1) That the instrument be recorded in the Patent Office within 90 days; (2) That the person presenting the instrument for recording shall also file forms APC-14P and APC-15 with the Patent Office; (3) That the transaction involves neither trade or communication with an enemy national nor is carried out as the result of such trade or communication.

The custodian has the right to set aside the recording and may also vest the patent within three years of the date of the recording of the instrument.

The amended regulation also permits an assignment or license instrument that was executed prior to date of the Executive Order to be recorded in the Patent Office. For example, it is now possible to record the assignment of a patent by a German national to a United States corporation that was executed prior to June 14, 1941.

Several procedural changes also were contained in the amended regulation. It is now provided that form APC-13 reports, which were heretofore filed in the Patent Office, are now to be sent to the Alien Property Custodian. As a convenience to attorneys, those who are registered to practice before the Patent Office, are no longer required to have their reports to the Alien Property Custodian notarized.

72d—OPD—Year

PD-1X Form Use Broadened by WPB

OPD Washington Bureau

Use of the PD-1X application form by distributors for obtaining priority assistance in purchasing supplies and materials for resale has been considerably expanded in the past few months, the Industrial and Hardware Supplies Branch, Wholesale and Retail Trade Division, has announced.

Among the materials which the PD-1X form is now being used for are the following:—

Abrasives, asbestos products, barber and beauty shop supplies, blasting equipment and accessories, brushes and brooms, charcoal and charcoal products, chemicals and plastics (some types), construction equipment, cork and certain cork products, health supplies, janitors' supplies, laboratory supplies, mining equipment, paints, varnishes, thinners, etc., photographers' supplies.

72d—OPD—Year

Stains, Surface Coloring Study Issued by Calco

A comprehensive study of stains and surface coloring has been prepared by William H. Peacock of the technical staff of the Calco chemical division of the American Cyanamid Company, under the title "The Formulation and Uses of Stains." Copies have been prepared and will be made available to those who are interested on request to the advertising department, Calco Chemical Division, American Cyanamid Company.

72d—OPD—Year

Monsanto Co. Promotes Samaras and Sudhoff

Promotions of Dr. Nicholas N. T. Samaras and Roy W. Sudhoff to assistant directors of the Central Research Department of Monsanto Chemical Company have been announced by Dr. Charles Allen Thomas, director, and Dr. Carroll A. Hochwalt, associate director.

Plastic Industry Urged To Pool Facilities

OPD Washington Bureau

The Chemicals Division, War Production Board, has urged the molded plastics industry to pool its available machinery, production knowledge and technique to insure adequate facilities for military requirements for molded and extruded thermoplastic parts.

The division said that as long as the industry's facilities are not being used entirely for war production, it will be impossible to justify the diversion of critical metals and machine tool time to manufacture any additional machinery and equipment for the plastic molding industry.

72d—OPD—Year

Textile Technologists To Meet January 29

The New York Section of the American Association of Textile Technologists will meet in the Downtown Athletic Club, this city, January 29. C. W. Patton, of the plastics division of Carbide & Carbon Chemicals Corporation, will discuss "Application of Vinyl Resins and Plastics to Textile," and W. H. Butler, of the Bakelite Corporation, will talk on "Phenol Resins and Resin Emulsions and Their Application to Textiles."

72d—OPD—Year

'Novochrom' Green Price Set

OPD Washington Bureau

Carbic Color & Chemical Company, New York, was permitted to raise its selling price of 'Novochrome' brilliant green, FB, which had been imported by it prior to April 1, 1942, to $5.23 per pound, f.o.b. New York by an order of the Office of Price Administration issued January 14.

72d—OPD—Year

Alexander With Sonneborn

Charles F. Alexander has resigned from Seldner & Enequist Chemical Company, Brooklyn, to join L. Sonneborn Sons, Inc., this city. Mr. Alexander recently was elected secretary of the Salesmen's Association of the American Chemical Industry.

An Army Travels on its Ammonium Sulfate

When the First World War started, the shortage of imported nitrogen made it difficult to get good fertilizers. Today, large supplies of nitrogen are obtained from ammonium sulfate recovered from the coal carbonized in Koppers coke ovens.

Many of the other essential chemicals used by farmers in raising plants and animals are derived from coal.

Fruits are often destroyed by diseases caused by fungi, or by dropping before ripe. Diseases of fruits are prevented by Koppers Flotation Sulfur. The premature dropping of unripe fruit is being prevented through the use of synthetic plant hormones made from naphthalene of which Koppers is a major producer.

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Dyestuffs, Textile, and Leather Chemicals

Egg Yolk and Albumen Price Situation Largely Nominal as Factors Await Definite Picture of Spring Production Schedules —Market Conditions in General Show Little Change

A largely nominal price situation concerning egg yolk and egg albumen developed last week in the market for dyestuffs, textile, and leather chemicals as meetings were being scheduled in several States between prospective manufacturers of dried eggs and representatives of the Food Distribution Administration as the first step toward increased production of the product to meet wartime requirements. Factors stated that old stocks of yolk and albumen are very low and that they are anxious to learn just what Spring production schedules will be before selling too far ahead. A decline in the shell egg market also was a contributing factor to the uncertain tone.

Although the normal output of dried eggs has increased more than forty-fold since 1941 to supply military and allied needs, production at present capacity, it is estimated, will fall short of total requirements anticipated for the next few months for all military and allied users as well as for domestic needs.

Demand for the various items in the market showed little fluctuation and numerous shortages continued last week, the tight import situation being responsible in many cases. Heavy domestic demand for corn starch and lend-lease shipments in large volume forestalled any relief in the position of this material. Corn dextrin was also very tight and no offerings of corn sugar were uncovered.

The corn grind of eleven refiners of starches, syrups, sugars, and other derivatives of corn for December, 1942, totaled 10,368,301 bushels. This represents corn ground for domestic use only. The Department of Agriculture announces that the Commodity Credit Corporation through December 31 had completed 9,395 loans on 11,628,220 bushels of 1942 corn in the amount of $8,988,376.33. The average amount advanced was 77c. per bushel.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
260.2	260.2	260.2	264.2

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Market conditions as regards anhydrous and crystal material show no change. Prices unaltered.

Ammonia Bichromate.—Item in light supply. Price schedules confirmed.

Ammonia Sulphamate.—Position unaltered. Quotations steady.

Antimony Salt.—Consumers taking material in fair volume. Prices show no change.

Chrome Acetate.—New features lacking in market. Quotations on powdered and solution unaltered.

Potash Bichromate.—Material under full priority control with general limitation order in effect. Prices well maintained. Consumers of primary chromium no longer required to file form PD-54 with suppliers, but only with WPB, under general preference order M-18-b as amended. Users of less than 500 pounds of primary chromium chemicals a month will be exempt from filing form PD-54. Chemicals involved are soda bichromate, potash bichromate, soda chromate, and all chromium tanning compounds.

Potash Prussiate.—Position unaltered as regards both red and yellow material. Prices same.

Soda Bichromate. — Shipments to consumers under full priority control. General limitation order in effect. Prices unchanged from levels recently prevailing. See potash bichromate.

Soda Chromate.—Under full priority and industry control. Quotations unaltered. See potash bichromate.

Zinc Dust.—No new developments. Material under complete allocation and use control. Prices same.

Dyestuffs

Annatto.—Supplies only sufficient for food coloring needs. WPB order M-103 as amended prohibits other uses. No change pricewise.

Cochineal.—Demand fair. Supplies light. Prices firm.

Fustic.—Inquiry remains fair. No change in quotations.

Hypernic.—Call for material remains at fair level. Prices steady.

Logwood.—Position unaltered. Quotations unchanged.

Madder, Dutch.—No new developments. Prices show no change.

Turmeric.—Supplies continue tight. Quotations unaltered.

Sizing Materials

Albumen, Blood.—Supply conditions now fairly satisfactory. Soluble dried blood no longer under WPB allocation. Price schedules confirmed.

Albumen, Egg. — Prices largely nominal due to factors awaiting more definite developments regarding Spring production and softness of shell egg market. Current stocks very low with government demand for dried whole eggs in large volume. Food Distribution Administration of Department of Agriculture purchased from January 1 to 8 approximately 1,586,000 pounds of dried whole eggs at prices ranging from 1.0850c. to 1.1825c. per pound.

Corn Sugar.—Little to be had. Prices show no change.

Dextrin, Corn.—Supplies very short. Quotations same.

Egg Yolk.—Stocks very low. Factors awaiting more definite picture of Spring production trends results in largely nominal price situation. See egg albumen.

Starch, Corn.—Good domestic demand and heavy lend-lease shipments hold market very strong. Corn in store and afloat at domestic markets in the week ended January 6 amounted to 43,341,000 bushels against 41,982,000 bushels in the previous week and 47,946,000 bushels in corresponding 1941 week.

Tapioca Flour.—No new developments. Quotations confirmed.

Zein.—Interest at satisfactory level. Prices unaltered.

Tanning Materials

Chestnut Bark Extracts.—No new features. Demand at recent levels. No change in prices.

Divi-Divi.—Position unaltered. Quotations steady.

Hematine.—Interest fair. Prices show no change.

Hemlock Bark Extract.—No change in market tone. Prices same.

Mangrove Bark.—No new developments. No alterations pricewise.

Myrobalans.—Prices steady at new levels recently established.

Nutgalls. — Transactions governed by WPB allocation order.

Oakbark Extract.—Tone unaltered. Prices show no change.

Quebracho Extract. — Material in fair supply. Quotations confirmed.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 8

Paint, Varnish, Lacquer Materials

War Business Still Playing Leading Role in Current Movement Of Materials But Paint Mixers Continue Replenishing Depleted Stocks in Numerous Directions

While approximately 60 percent of the current volume of business in paint materials has continued to be channeled in the government's war activities and lend-lease shipments, there has been no further retardation or contraction within the past week in the buying movement on account of non-military interests. Heading these normal trade purchasers have been manufacturers of finished paints, varnishes, and lacquers, desirous of replenishing their depleted stocks in several directions, in anticipation of a spirited revival of maintenance coating operations this coming Spring. These repainting operations promise to furnish a plethora of new business, even if the opportunity for applying protective covering on new construction shrinks to meagre proportions, with the continued banning of new housing and private business structures outside of war industry housing.

Though there has been little purchasing of materials entering into interior paints and varnishes, the buying movement has gained considerable momentum in the materials used chiefly in exterior coating pigments, such as lead and zinc oxides, lithopone, litharge and titanium. Solvents and driers and a few of the colors with metallic bases have also manifested considerable activity on both war and civilian scores. Movements of materials on outstanding contracts have also been sizable.

Even the additional handicap imposed upon the paint makers by the recent issuance of General Preference Order M-71, whereby the use of such edible oils as soybean and peanut oils are denied to them—except for soybean oil in the manufacture of synthetic resins or as a plasticizer in the production of lacquers—is being overcome by their resourcefulness, in turning to the remaining unshackled materials as substitutes, and resorting to new formulations.

Price Changes

Advanced

Rosin, gum, pale grades, 2c. to 10c. per 100 lbs.

Reduced

Rosin, gum, dark, medium grades, 1c. to 12c. per 100 lbs.

Comparative Values

Index numbers compiled from ten typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	139.3

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

With WPB's stockpile still reaching large proportions, releases of stocks of pig lead to the paint industry continue liberal. Oxidizers and other manufacturers of lead pigments are procuring all the metallic lead as well as ore that they require. Some easing of the growing tightness in zinc slabs may now be expected to flow from the return to work of forty miners and millmen in a large zinc mining and milling operation in northern New York State, following a shutdown of twenty-one days. Though not yet offered anywhere nearly as freely as pig lead, zinc slabs continue in sufficient supply to satisfy the needs of the makers of zinc oxides and sulphides.

Lead. — Prevailing spot prices at New York, St. Louis and London for the period from January 8 to January 15, inclusive, were as follows:—

	Pigs		
	Per pound		Spot, London. Per ton
	New York.	St. Louis.	£ s. d.
Saturday	$0.0650	$0.0635	* .. .. ..
Monday	.0650	.0635	.. .. ..
Tuesday	.0650	.0635	.. .. ..
Wednesday	.0650	.0635	.. .. ..
Thursday	.0650	.0635	.. .. ..
Friday	.0650	.0635	.. .. ..

* London exchange closed.

Zinc. — Prevailing spot prices at New York, East St. Louis and London for the period from January 8 to January 15, inclusive, were as follows:—

	Slabs		
	Per pound		Spot, London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0866	$0.0825	* .. .. ..
Monday	.0866	.0825	.. .. ..
Tuesday	.0866	.0825	.. .. ..
Wednesday	.0866	.0825	.. .. ..
Thursday	.0866	.0825	.. .. ..
Friday	.0866	.0825	.. .. ..

* London exchange closed.

Pigments

Blue Lead.—Continues in fair call.

Lead Titanate.—Moving in increasing volume.

Litharge.—In good request.

Lithopone. — In moderately brisk demand.

Orange Mineral.—Moving in routine fashion.

Red Lead.—Deliveries against outstanding contracts reaching sizable proportions.

Titanium Dioxide.—Shipments continue to expand.

White Lead.—Exhibiting moderate buying interest.

Zinc Oxides. — Demand growing, with movement of American process grades attaining goodly proportions. Rubber reclaimers joining paint interests in buying operations.

Fillers and Extenders

Asbestos.—Supplies of Canadian and domestic grades continue ample for current requirements.

Barytes.—Continues in fair demand.

Charcoal.—Business still of routine character.

China Clay.—In limited request from paper coaters and paint trade.

Diatomaceous Earth.—In light inquiry.

Fuller's Earth.—In moderate request.

Graphite. — Moving steadily into consuming channels.

Gypsum.—Buying interest expanding. Stocks continue fair-sized despite slight curtailment of production.

Mica.—In fair call. Stocks of paint grades sufficient for current requirements.

Whiting.—Continues in fair demand, with supplies adequate.

Dry Colors

Alkali Blue.—A routine movement continues to be noted.

Bone Blacks.—A steady movement into consuming channels is shown in this material.

Chrome Colors.—Chrome oxide and zinc yellow continue leaders in the buying movement but sizable purchases are also being recorded in chrome green and chrome yellow. Prices firmly held throughout the list.

Carbon Blacks.—Though paint industry is taking only limited quantities, rubbers reclaimers and manufacturers of synthetic rubber are buying more liberally. Market tone steady. Stocks of carbon black in the hands of producers at the outset of this year amounted to 237,198,000 pounds, at which level they exhibited an increase of 7,322,000 pounds within the last month of 1942. Shipments during December are reported to have aggregated 26,081,000 pounds, compared with 27,418,000 pounds for November, while production for the concluding month of 1942 totaled 33,-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 8

EMERGENCY RATIONS

Photo by U. S. Army Signal Corps

Every soldier knows that his emergency ration is not a banquet — but he still carries it — through thick and thin, and when he needs it — boy — it does a swell job of filling in.

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Samples of resin and suggested formulae are offered as well as the services of our technical staff for your convenience.

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BARIUM STEARATE
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- CHICAGO
- ST. LOUIS
- PHILADELPHIA
- DALLAS
- MEMPHIS
- SHAWNEE, OKLA.
- LOS ANGELES
- SAN FRANCISCO
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- SEATTLE
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Isopropyl Alcohol is on allocation and necessary forms will be gladly furnished.

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479,000 pounds, as contrasted with 32,479,000 pounds for the preceding month.

Lithol Toners.—A normal movement continues in these colors.

Mercuric Oxides.—Business in these colors is still of a routine character.

Ochers.—Continue in fair request. Reports are current, however, that the government in Washington is planning to reduce some of its recent purchases of this as well as some other organic colors.

Vermilions.—Moving slowly into consuming channels with stocks ample for current requirements.

Driers

A steady flow of stearates and palmitates continues into normal consuming channels. Substitutes for the completely allocated naphthanates, such as linoresinates, are also being absorbed on a fair scale.

Lacquer Materials

Acetone.—Government demand remains good. Prices under individual OPA ceiling.

Butyl Alcohol.—Supplies scarce. Transactions governed by WPB allocations. Quotations under individual OPA ceiling.

Butyl Acetate.—Market tight, reflecting scarce butyl alcohol supplies. Prices unaltered.

Cellulose Acetate.—War demand heavy. Price schedules show no change.

Diamyl Phthalate.—Supplies continue tight in common with other phthalates. Tone firm.

Tricresyl Phosphate.—Transactions governed by WPB allocations. Position continues very tight with production schedules heavy. Price schedules confirmed.

Naval Stores

Southern and local markets for naval stores continued quiet much of the time last week and general conditions remained about as they were in the previous week. The prevailing tone was firm and price movements were still within narrow limits. Operations in the woods continued to diminish and offerings of rosin and turpentine in the primary center from day to day were generally light. Sentiment in some quarters regarding the outlook for business was rather optimistic despite the quietness of trade during the past few weeks. In the case of rosin consumption is still apparently liberal and some broadening of purchasing operations is anticipated in the near future. Meantime the outlook for production during the coming season is regarded as uncertain, owing chiefly to the unfavorable labor situation.

CCC Holdings

The following table shows the quantity of rosin and turpentine held by the CCC at the close of business December 31, 1942:—

Crop year.	Rosin	Turpentine, casks
1938—barrels	86,625	.....
drums	.....	.....
1939—barrels	35,729	.....
drums	20	.....
1940—barrels	60,656	.....
drums	204,399	.....
1941—barrels	.....	.....
drums	128,146	.....
1942—barrels	332,321	147,092
drums	.....	.....
Totals	848,396	147,092

Turpentine.—Business in the local market was on a small scale, consumers in many cases being inclined to hold off for further developments. The tone remained firm.

Savannah, Jan. 15.—Following is a record of the turpentine market for the week:—

	Gallons Sales.	Barrels Receipts.	Barrels Shipments.	Barrels On hand.
Saturday*	....	....	....	....
Monday	2,250	34	....	27,899
Tuesday	450	44	17	29,737
Wednesday.	1,250	42	....	29,856
Thursday	700	27	147	29,716
Friday	1,850	74	109	29,621

* No trading.

Jacksonville, Jan. 15.—Turpentine stock, 21,668 barrels.

Chicago—Jan. 15

Turpentine dull. Five-drum lots, 76c. per gallon.

SLCo

Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
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For Protective Coatings, Camouflage, and other essential requirements of the Victory Program.

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London, Jan. 15.—Turpentine, 87s. per cwt.

Rosin.—Purchasing of rosin in the local market was generally limited to comparatively small quantities, the total movement of such lots being unimportant. Price changes were narrow.

Savannah, Jan. 15.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted				
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.10	$3.11	$3.12	$3.08	$3.06
D	...	3.20	3.20	3.15	3.10	3.08
E	...	3.39	3.36	3.36	3.35	3.32
F	...	3.45	3.45	3.45	3.45	3.40
G	...	3.50	3.50	3.50	3.50	3.50
H	...	3.55	3.55	3.55	3.55	3.51
I	...	3.60	3.60	3.62	3.62	3.52
K	...	3.70	3.72	3.72	3.72	3.75
M	...	3.77	3.77	3.77	3.80	3.82
N	...	3.82	3.82	3.82	3.82	3.90
WG	...	3.90	3.90	3.90	3.90	3.95
WW	...	3.95	3.95	3.95	3.95	4.00
X	...	3.95	3.95	3.95	3.95	4.00
	Barrels					
Sales	...	61	128	103	83	282
Receipts	...	18	133	83	136	95
Shipments	...	...	210	500	181	111
Sotcks	...	...	...	...	...	92,487

* Not trading.

Jacksonville, Jan. 15.—Rosin stock, 169,570 barrels.

Chicago—Jan. 15

Rosin quiet. B grade, $4.53 per 100 pounds, drums.

London, Jan. 15.—Rosin, W.W., 33s. per cwt.

Other Naval Stores

Pitch.—Local buyers displayed more interest in the market and an increase was also noted in the movement to outside consumers.

Rosin Oil.—The strength of raw material was reflected in some increase in the request for moderate quantities of rosin oil. The market had a firm tone.

Tar.—A steady movement was noted on contracts previously placed and some increase was reported in the volume of new orders received.

Shellac

Civilian requirements are being met substantially by new products taking the form of effective substitutes for the shellac no longer obtainable. This is large business now and is almost certain to be increasingly large as months pass and civilian manufacturing consumers reach the bottom of their reserves of genuine shellac and its products. The future for substitutes looms big.

Synthetic Resins

A tightening of restrictions on the use of certain synthetic resins and an easing of regulations governing employment of other products in this category have tended to confuse consumers in the paint and plastics industries within the past week.

WPB's chemicals division has urged the molded plastics industry to pool its available machinery, production knowledge and technique to insure adequate facilities for military requirements for molded and extruded thermoplastic parts. Simultaneously, WPB has amended its list of civilian products for which thermoplastics cannot be used, under the terms of its former General Preference Order M-154, so as to allow manufacturers of some items to fill orders bearing preference ratings, if the material is available, while adding other items to the prohibited group. Co-incidentally, this bureau has limited still further the amounts to butadiene, styrene and acrylonitrile which manufacturers may supply to their customers over and above their quota allotments.

The manufacturers of a trademarked phenol resin line have received permission from OPA to make price changes on sales of its product in several districts. In district No. 1, comprising the New England and Middle Atlantic States, prices of these resins have been marked up to a basis of 14½ cents per pound in lots of 3,000 pounds or more.

Chlorinated Rubber.—Hedged in by restrictions on its production and use, this material is now moving only in small amounts representing stocks still on hand.

Ester Gum. — Demand continues brisk but, with output greatly restricted, volume of business in this article is necessary small.

Varnish Gums

Asphaltum.—Buying interest reaching fair proportions. Prices firmly held throughout list.

Copals.—Stocks of unsorted Congo gums are being built up to fairly sizable amounts and from these eleven sorted grades are being obtained. Varnish makers are buying only enough to cover sixty days' supply, but former large consumers of shellac are making fairly extensive purchases of these spirit soluble gums. Prices are being well maintained at the figures set forth in OPA's Maximum Price Regulation No. 297, which reaffirm the quotations of December 5, 1941, with the addition of prices for the eleven grades which were not then included in the list.

Kauri.—A fair assortment of these gums is still available here, but it is deemed doubtful if present stocks can be replaced when they are exhausted, as the bush variety is now virtually the only kind in even moderate supply in the country of their origin.

Glues and Binders

Casein.—A further curtailment of domestic production and the continued exclusion of the Argentine product have combined to stiffen the American market, although the demand remains rather light, largely because of the growing belief that the single price ceiling, which the Office of Price Administration is due to announce shortly, may be slightly below the highest of the individual prices now being named, in accordance with the terms of Conservation Order 280, which show a range from 19 cents to 21 cents per pound for the 20-30 mesh grade of domestic material.

Glues.—Demand for hide glues continues exceedingly active but the supply is very light, especially in the higher grades, chiefly because of scarcity of raw materials. Bone glues are in fair request but by no means in as urgent call as hide glues.

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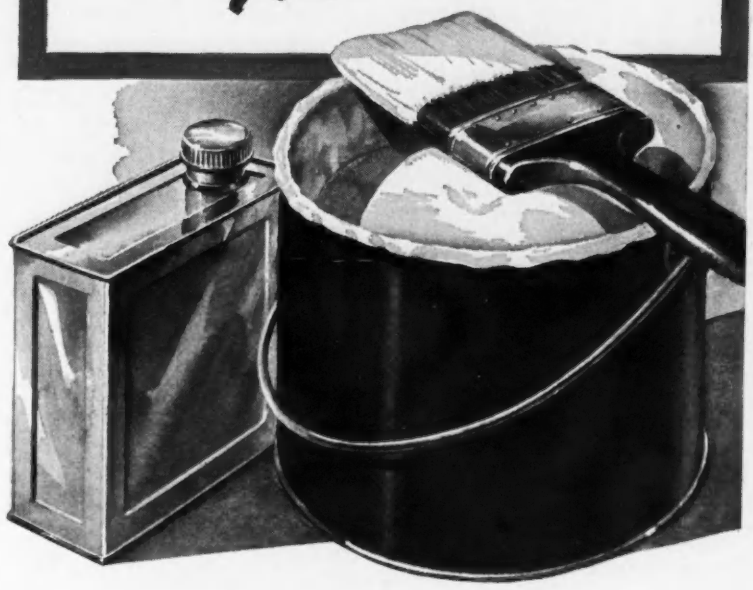

Armour's NEO-FAT Synthetic Drying Oils — all prepared from domestic fats and oils—are already being widely used by paint, varnish and enamel makers, and proving to be completely satisfactory as replacements for imported oils in almost all applications.

NEO-FATS FOR PAINTS AND VARNISHES

Below (left) are the average chemical and physical properties of 3 specific NEO-FATS which can replace tung, oiticica and other natural oils in paint and varnish manufacture.

NEO-FAT NO. 170
SYNTHETIC DRYING OIL

Saponification Value	160.0
Iodine Value (Wijs)	170.0
Acid Value	8.0
Viscosity	heavy
Specific Gravity 25° C.	0.980
Color	dark
Approximate weight per U. S. gallon	8 lbs.

NEO-FAT NO. 190
SYNTHETIC DRYING OIL

Saponification Value	177.0
Iodine Value (Wijs)	205.0
Acid Value	6.0
Absolute Viscosity 25° C.	2.0 poises
Specific Gravity 25° C.	0.950
Color	pale yellow
Approximate weight per U. S. gallon	7¾ lbs.

NEO-FAT NO. 290
HEAT-BODIED SYNTHETIC DRYING OIL

Saponification Value	177.0
Iodine Value (Wijs)	150.0
Acid Value	4.0
Absolute Viscosity 25° C.	30 poises
(Corresponds to Z1-Z2 Gardner-Holdt Viscosity)	
Specific Gravity 25° C.	0.970
Color	pale yellow
Approximate weight per U. S. gallon	7¾ lbs.

NEO-FATS FOR ALKYD RESINS

Double Distilled Cottonseed Fatty Acid
Double Distilled Corn Oil Fatty Acid
Double Distilled Linseed Fatty Acid
Double Distilled Soybean Fatty Acid
Neo-Fat #3-R Unsaturated C-18 Fatty Acids
Neo-Fat #17 Unsaturated C-22 Fatty Acids
Neo-Fat #19 Unsaturated C-20 Fatty Acids
Neo-Fat #23 Fractionated Soybean Oil Fatty Acids
Neo-Fat #D-142 Special Alkyd Resin Fatty Acids

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Adhesives
Wetting agent in various adhesive preparations

Chemical
Wetting agent in making—
Emulsions of various chemicals
Textile lubricants

Cosmetic
Wetting agent in—
Creams, hand lotions, and the like

Disinfectant
Wetting agent in—
Disinfecting compositions
Germicidal compositions

Dry Cleaning
Wetting agent in—
Dry-cleaning solutions

Dye
Wetting agent

Fats, Oils, and Waxes
Wetting agent in—
Boring oils
Cutting oils
Drilling oils
Greasing compositions
Lubricating compositions
Sulphonated oils
Wire-drawing oils
Wax preparations

Firefighting
Wetting agent in—
Solutions for extinguishing brush fires

Ink
Wetting agent in—
Lithographic inks
Printing inks
Writing inks

Insecticide and Fungicide
Wetting agent in—
Fungicidal compositions
Horticultural sprays
Insecticidal compositions

Leather
Wetting agent in—
Dressing compositions
Fat-liquoring compositions
Finishing compositions
Soaking compositions
Softening compositions
Tanning compositions
Waterproofing compositions

Metallurgical
Wetting agent in—
Metalplating processes
Metal-cleaning baths
Scouring agents for metals
Solvent degreasing processes

Miscellaneous
Modifier of—
Surface tension of liquids in various products and processes
Wetting agent in—
Beer-glass coasters
Cleaning compositions for windows, glassware, rugs, upholstery
Embalming fluids
Ink removers
Polishes for furniture, automobiles, metals, wood, glass, shoes, and other articles
Soldering fluxes
Various processes involving aqueous solutions, such as soaking, washing, impregnating, penetrating, wetting
Wallpaper removers
Waterproofing compositions
Water sprays for settling dust
Softening agent for—
Fibers

Paint, Varnish, and Lacquer
Wetting agent in—
Lacquers — Pigment manufacture
Paints
Varnishes

Paper
Wetting agent in—
Beater operations
Dye liquors
Felt conditioning
Felt-cleaning agents
Sizing compositions
Waterproofing compositions
Waxing compositions

Petroleum
Wetting agent in—
Acid treatment of oil wells
Cutting oils
Mineral oil compositions
Pitch compositions
Tar compositions

Pharmaceutical
Suggested as wetting agent in—
Oral antiseptics

Photographic
Wetting agent in—
Blueprint processes
Photographic processes

Rubber
Wetting agent in—
Cements

Soap
Wetting agent in—
Detergent compositions
Textile soaps

Textile
Bleaching
Wetting agent in—
Bleaching baths

Dyeing
Wetting agent in—
Dye baths

Finishing
Wetting agent in—
Coating compositions
Scouring compositions
Sizing compositions
Washing compositions
Waterproofing compositions
Waxing compositions

Manufacturing
Softening agent for—
Fibers

Wetting agent in—
Bowking baths
Carbonizing baths
Degreasing compositions
Degumming and boiling-off baths
Fulling baths
Kier-boiling baths
Mercerizing baths
Oiling compositions
Soaking compositions
Spinning compositions

Printing
Wetting agent in—
Printing pastes

Carbazylacetic Acid

Dye
Starting point (U.S. 1247475) in making—
Dyestuffs
Esters used in making dyestuffs

Indigo

(Anil, Indaco, Indicum, Indig, Indigo-blau, Pigmentum Indicum)

Adhesives
Ingredient (U.S. 1248092) of—
Fireproof adhesive

Analysis
Reagent in analytical processes involving control and research in science and industry

Animal Husbandry
Ingredient (U.S. 1470795) of—
Compound for treating contagious abortion in cows

Chemical
Starting point (U.S. 1901615) in making—
Bromoisatin — Indigotin
Indican — Isatin
Indiglucin — Sodium sulphoindigotate
Indigo-brown
Indigo-red

Dye
Starting point in making various tinctorial derivatives

Explosives
Ingredient (U.S. 1319329) of—
Signal-rocket composition
Smoke-making composition

Firefighting
Ingredient (U.S. 1248092) of—
Fireproofing preparation

Ink
Coloring agent in various inks

Laundering
Blueing agent

Paint, Varnish, and Lacquer
Coloring agent in—
Paints, enamels, lacquers, and other coatings
Ingredient (U.S. 1248092) of—
Fireproof paint

Paper
Ingredient (U.S. 1248092) of—
Fireproof sizing

Plastics
Process material (U.S. 1248226) in making—
Coumarone-rubber article

Textile
Coloring agent in—
Dyeing processes
Printing processes

Linseed Oil

(Aceite de Grano de Lino, Aceite de Linaza, Flachssamenol, Flaxseed Oil, Huile de Graine de Lin, Huile de Lin, Huile de Semence de Lin, Leinol, Leinsamenol, Linnen Seed Oil, Oleum Lini, Olio di Lino)

(Applications given cover raw linseed oil, boiled oil, and various other treated oils; in the applications as binder, the use of the oil may be direct as such or indirect through reaction with gums, resins, or other materials to compose a binder for the purpose indicated)

Abrasives
Binder and waterproofing agent in—
Abrasive compositions
Abrasive specialties, such as belts, bricks, discs, emery specialties, grinders, hones, sandpaper, shapes, stones, wheels

Adhesives
Binder in various adhesive compositions

Animal Medicine
Ingredient of—
Mange remedies

Automotive
Binder in—
Brake linings — Clutch facings
Brakeshoe filling compositions
Drying oil in—
Repairing compositions for fabrics
Top dressings for automobiles

Aviation
Drying oil in making—
Dopes, coatings, dressings, and varnishes
Fireproofing compositions

Bituminous Products
Binder for—
Bituminous materials
Briquetted fuels

Building Construction
Ingredient of—
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Wateproofing agent for—
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Stone

Building Materials
Binder and waterproofing agent for—
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Fiberboard
Floor tile compositions
Leak-stopping compounds
Lining and coating compositions for concrete tanks
Mineral fiber specialties
Repairing compositions for roofings
Roofing compositions
Roofing tile compositions
Shingle compositions
Sizes for wallboard
Wallboard compositions
Wall-covering compositions
Wall-finishing compositions
Waterproofing compositions for roofings

Chemical
Starting point in making—
Fatty acids — Fatty esters
Metallic soaps, such as aluminum, cobalt, manganese, lead, and other linoleates

Electrical
Base and drying oil in making—
Dielectrics
Insulating coatings
Binder in making—
Acidproofings for battery containers
Dielectrics
Sealing compositions
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Storage battery box compositions
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(To be continued)

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OPD—1-18-1943

Oils, Fats, and Waxes

Refined Cottonseed Oil Consumption Up in December—Southern Crude Offerings Continue Light — Linseed Oil Stronger —Edible Olive Oil Higher—Buenos Aires Flaxseed Off

No broadening of business was noted in the market for vegetable, animal and fish oils, fats and greases last week. In some branches of the trade inquiries were received rather more numerously, but such transactions as were reported were generally limited to comparatively small quantities. Open market supplies were still far below normal in many cases and there seemed to be little prospect of any material change in the situation in this respect until production expands sufficiently to enable mills to catch up with orders on hand.

There were few changes in quotations. The trend of flaxseed was upward in domestic markets at times and linseed oil prices were again advanced by some crushers. Flaxseed was lower in the Buenos Aires market. Higher prices prevailed for edible olive oil. Consumption of refined cottonseed oil in December was about 110,000 barrels larger than in the same month in the previous year, according to Census Bureau figures.

An increase of 300,000,000 pounds in the production of fats and oils from domestic raw materials is in prospect for 1943, according to a report from Washington, which added that five subcommittees have been appointed to study various phases of the cottonseed and peanut oil mill industry.

Price Changes

Advanced

Linseed oil, 2/10c. per lb.
Olive oil, edible, 10c. to 35c. per gal.

Reduced

None

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
191.9	191.8	191.5	181.4

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Castor, Dehydrated. — Production apparently moving steadily on contracts. Spot transactions limited by inadequate supplies.

Chinawood. — Inquiry more active. Available supplies limited to comparatively small or moderate lots. Market firm.

Cottonseed.—Inquiries are received more numerously. Supplies abnormally light.

Olive.—Edible oil firm at 10c. to 35c. per gallon advance. Old-crop supplies of domestic light and diminishing. New-crop arrivals not expected until February. Imported oil scarce and nominal.

Peanut. — Crude oil offerings still light in all markets. Firm at ceiling. Local refined oil in light supply.

Perilla.—Firm at recently prevailing quotations. Spot supplies light. Inquiries noted.

Soybean.—Fewer inquiries received owing to recent order against use in paints. Production moving mainly on contracts previously placed. Spot offerings scarce, crude and refined.

Teaseed.—Crude and refined oil was quiet and nominal owing to scarcity.

Markets at Other Centers

Chicago—January 15

Somewhat better inquiry for vegetable oils. Corn oil, crude, mills, 12¾c. per pound; refined, edible oil, 15¼c. per pound, drums, car lots; 15¾c. to 16c., drums, less car lots. Soybean oil, crude, 11¾c. per pound.

The market for soybeans on the Chicago Board of Trade was quiet. Following is a soybean price record, per bushel, for the week:—

	High	Low	Closing Jan. 15	Closing Jan. 8
May	$1.85	$1.82	$1.83¾	$1.83

San Francisco—January 14

Demand for edible oils remained very good at ceiling prices. Fair interest in paint oils.

Chinawood. — Nominally quoted 38c. per pound, tankcars.

Coconut.—Quoted nominally 8c. per pound, crude, tankcar.

Cottonseed, Bleachable.—Quoted 14.15c. per pound, tankcar, f.o.b. San Francisco Bay area.

SESAME.—Quoted 15c. per pound, tankcars, f.o.b. San Francisco.

Linseed Oil

The local market for linseed oil was firmer last week, influenced by the strength of flaxseed in domestic markets where the trend of prices was upward at times. Oil quotations were advanced two points by some crushers here, making 13c. per pound the inside figure for tankcars. Inquiries were reported, but actual transactions apparently did not involve important quantities.

Minneapolis, Jan. 15.—A few buyers in dire need of linseed meal supplies are being cared for but there is no general trade. A government representative was here addressing a meeting of feed men this week. They are more hopeful and optimistic concerning the future. Shipments of meal in pounds were as follows:—

	1942.	1941.
This week	12,240,000	10,780,000
Since Sept. 1	2,043,900	177,222,000

San Francisco, Jan. 14. — Government purchased huge spot lot of linseed oil at around 13c., tankcar basis. Quoted:—Tankcars, 13.1c. per pound; drum, car lots, ex mill, 13.7c.; drum lots ex warehouse, 14.1c.

Linseed Meal.—Quiet and nominal in absence of offerings.

Minneapolis, Jan. 15.—Linseed oil trade improved largely because of government lease-lend buying. Core oil was wanted by foundries and steel mills but virtually no trade with paint or linoleum manufacturers. Quotations, tankcar, 12.8c. per pound; cooperage car lots, 13.7c. per pound; warehouse lots, 14.1c. per pound, f.o.b. Minneapolis.

Shipments of oil in pounds were as follows:—

	1942.	1941.
This week	5,760,000	4,710,000
Since Sept. 1	85,480,000	77,810,000

Flaxseed

Flaxseed prices showed irregularity in domestic markets, but in the main the tone was firm and at times the trend of prices was upward. Offerings of cash seed were well absorbed. California reported rapid progress in planting the new crop on an increased acreage. Argentina crop news favorable; Indian unfavorable.

Minneapolis, Jan. 15.—Country flaxseed offerings light. Advances in prices caused crushers to hold off. Seed houses aggressive buyers of better types. Rumors that parity and loan values will be advanced, together with severe weather kept marketing light.

The week's closing flaxseed price range was as follows:—

	Cash.	May.	July.
Saturday	$2.73	$2.66	$2.67½
Monday	2.74¼	2.66¼	2.68¼
Tuesday	2.74	2.66	2.67¾
Wednesday	2.75½	2.67½	2.69
Thursday	2.76½	2.68	2.70
Friday	2.77¾	2.69¾	2.71¼

Crop movement in bushels follows:—

	Receipts 1942	Receipts 1941	Shipments 1942	Shipments 1941
This week	157,500	186,600	70,800	40,600
Since Sept. 1	14,257,500	6,979,600	1,482,300	1,232,673

Buenos Aires, Jan. 15.—Flaxseed, reduced early in the week to $1.17 per bushel; later advanced to $1.19¼; last week, $1.20¾. Exports this week, 31,000 bushels to the United Kingdom and 122,000 to the Continent. Visible supply, 39,370,000 bushels.

Current prices on animal, vegetable, and fish oils (under Oil), fats and greases (under Grease) are given in the alphabetical list of prices beginning on page 8

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Cottonseed Oil

The market here for refined oil futures reopened on Monday following the suspension announced at the close of the previous week owing to uncertainty over the order from Washington limiting the use of edible oils for inedible purposes. Stagnation continued to prevail, however, traders everywhere being disposed to await developments.

Consumption of refined oil in December, according to Census Bureau figures issued on Wednesday last, was 349,068 barrels. This compared with 321,685 barrels in the previous month and 238,075 barrels in December in the previous year. The visible supply decreased 115,800 barrels during December, against an increase of 14,700 barrels in December, 1941.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from January 11 to January 15, inclusive, comprised 1 contract. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
March	14.45	14.45	14.20 bid
May	....	....	14.45 bid

Cash oil, 13.95c.
Crude, Southeast, 12¾c.

Cake and Meal.—Firm tone noted in all sections. Offerings inadequate for demand.

Markets at Other Centers

Memphis—January 14

Occasional sales scattered lots cottonseed and soybean oil; offerings from mills continue light. All buyers interested at ceiling prices. Urgent demand for cottonseed, soybean and peanut meal. Most mills running seven days weekly. Cottonseed hulls scarce. Closing cottonseed meal quotations on Memphis exchange were as follows:—

	Jan. 7.	Jan. 14.
January	$39.00@—	$39.00@—
March	39.00@—	39.00@—
May	38.50@—	38.75@—

Atlanta—January 13

Demand for cottonseed and peanut meals continues to exceed the supply. Cottonseed meal here is $36.30 per ton. Soybean meal production increasing. Quotations are:—Macon, $42.08 per ton in bags; Augusta, $42.49.

Fatty Acids

An increase was noted in some quarters in the volume of inquiries received but as a rule purchasing was limited to moderate quantities to fill the current or nearby requirements of consumers. The firm position of crude materials was reflected in the market for fatty acids.

Chicago—January 15

Fatty acids fairly active. Cottonseed oil, double distilled, 14c. to 14½c. per pound, tankcar; 14½c. to 15c., drums, car lots; settled cottonseed soap stock, 60-62 percent basis, 3⅞c. to 15c., drums, down soap stock, 4⅞c. to 5c.

—Continued on page 39

72d—OPD—Year

Paisley Products, Inc., adhesives manufacturer, this city, issued a technical service bulletin on 'Vegimal,' which is a series of vegetable base adhesives for a diversified range of applications in all industries.

Margarin Production Increased in November

Production of margarin during November amounted to 47,635,041 pounds, as compared with 46,282,691 pounds in the previous month and 32,502,556 pounds in the same month last year, according to statistics compiled by the Bureau of Internal Revenue, Washington. A comparison of production in November with the same month last year follows:—

	Pounds	
	1942	1941
Production of uncolored oleomargarin	*39,576,389	†32,270,402
Withdrawn tax-paid	39,194,285	32,091,682

Ingredients used in the production of colored and uncolored margarin in November, 1942, compared with November, 1941, follows:—

In Uncolored Margarin

	Pounds	
	1942	1941
Babassu oil	.....	42,350
Butter flavor	753	.....
Butter culture	922	.....
Citric acid	.....	10
Coconut oil	.....	4,140,934
Corn oil	155,882	106,376
Cottonseed oil	18,779,695	14,621,741
Cottonseed stearin	67,020	.....
Derivative of glycerin	75,885	70,084
Diacetyl	61	129
Emulsol	.....	1,537
Lecithin	29,620	21,382
Milk	6,966,118	5,726,725
Monostearin	12,050	15,537
Neutral lard	734,365	684,881
Oleo oil	1,505,213	1,641,641
Oleo stearin	349,936	178,974
Oleo stock	267,108	233,473
Palm flakes	.....	28,510
Palm oil	.....	629,278
Peanut oil	66,862	168,698
Salt	1,299,706	1,075,035
Soda benzoate	20,771	14,926
Soybean oil	10,301,700	3,724,582
Sunflower oil	18,969	.....
Tallow	29,800	.....
Vitamin concentrate	7,869	8,731
Total	40,090,304	33,135,534
Production of colored oleomargarin	8,058,652	232,154
Withdrawn tax-paid	177,202	55,378

In Colored Margarin

Butter flavor	15	.....
Butter culture	84	.....
Coconut oil	.....	57,232
Color	5,883	250
Corn oil	30	44
Cottonseed flakes	381	.....
Cottonseed oil	345,960	28,527
Cottonseed stearin	.....	30
Derivative of glycerin	13,108	346
Diacetyl	7	1
Lecithin	2,799	80
Milk	1,203,108	37,763
Monostearin	3,758	208
Neutral lard	172,953	9,628
Oleo oil	302,985	42,279
Oleo stearin	.....	93
Oleo stock	48,010	7,785
Palm flakes	.....	3,380
Palm oil	.....	2,454
Peanut oil	.....	67
Salt	237,621	8,616
Soda benzoate	5,282	91
Soybean oil	5,635,094	36,249
Vitamin concentrate	1,205	33
Total	7,978,283	235,156

* Of the amounot produced, 10,401 pounds were reworked.
† Of the amount produced, 22,007 pounds were reworked.
Note.—The figures for November, 1942, and November, 1941, are subject to revision until published in the commissioner's annual report.

72d—OPD—Year

Good Talks on Drying Oils

J. Edmund Good, vice-president of the Woburn Degreasing Company, Harrison, N. J., addressed the Philadelphia Paint and Varnish Production Club, in the Warwick hotel, January 14, on "Changing Picture of Synthetic Drying Oils."

Fats, Oils Production and Consumption

The preliminary statistics of the factory production and consumption and stocks of animal and vegetable fats and oils for November, 1942, as compiled by the Bureau of the Census, with comparative October figures, follow:—

Vegetable Oils

	Factory operations					
	Production Pounds		Consumption Pounds		Factory and warehouse stocks Pounds	
	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.
Babassu, crude	[3]	[3]	891,000	1,180,000	11,877,000	11,211,000
Babassu, refined	[3]	[3]	168,000	226,000	345,000	382,000
Castor, No. 1, crude	5,334,000	5,271,000	2,352,000	3,110,000	8,983,000	9,148,000
No. 3, crude	1,506,000	1,414,000	1,795,000	2,117,000	4,097,000	4,536,000
dehydrated	1,222,000	2,068,000	1,797,000	2,563,000	7,943,000	8,486,000
sulphonated	.....	.....	634,000	626,000	1,779,000	1,530,000
Chinawood or tung	.....	.....	558,000	824,000	30,161,000	31,406,000
Linseed	77,045,000	84,785,000	40,198,000	44,383,000	291,212,000	273,101,000
Olive, edible	138,000	.....	109,000	119,000	6,027,000	6,860,000
Inedible	.....	.....	37,000	63,000	1,558,000	498,000
Sulphur oil or olive foots	.....	.....	428,000	519,000	10,442,000	10,884,000
Oiticica	.....	.....	421,000	527,000	7,810,000	7,861,000
Palmkernel, crude	.....	.....	[3]	[3]	[3]	[3]
Refined	.....	.....	[3]	[3]	541,000	555,000
Palm, refined	[3]	[3]	523,000	910,000	1,723,000	2,282,000
Peanut, crude or virgin[1]	11,959,000	8,191,000	11,289,000	4,995,000	8,945,000	6,227,000
Refined	10,108,000	4,408,000	3,699,000	3,869,000	11,451,000	10,191,000
Sesame	[2]	.....	15,000	9,000	144,000	105,000
Soybean, crude	75,393,000	64,451,000	64,799,000	60,246,000	62,268,000	51,364,000
Refined	58,061,000	55,435,000	49,691,000	60,391,000	51,476,000	51,234,000
All other	3,076,000	2,563,000	2,239,000	3,103,000	25,614,000	39,190,000

Animal Fats

Lard, rendered (including neutral lard and rendered pork fat)	173,343,000	131,375,000	4,615,000	7,590,000	62,069,000	61,283,000
Neatsfoot oil	311,000	345,000	702,000	683,000	2,906,000	2,927,000
Tallow, edible	9,595,000	11,286,000	5,792,000	7,352,000	5,953,000	13,434,000
Inedible	72,740,000	80,741,000	97,573,000	121,001,000	215,430,000	212,099,000

Fish Oils[4]

Codliver oil	172,000	211,000	453,000	410,000	3,453,000	5,743,000
Cod oil	78,000	70,000	751,000	940,000	5,942,000	6,531,000
Marine mammal oils	.....	.....	948,000	1,298,000	59,848,000	61,752,000
Other fish oil except liver oil	[5]23,161,000	[5]20,298,000	9,136,000	11,652,000	136,802,000	130,658,000
Other liver oil	434,000	316,000	280,000	196,000	2,192,000	2,447,000

Greases

Greases other than wool	44,700,000	43,740,000	39,786,000	49,812,000	99,891,000	91,213,000
Wool grease	903,000	1,344,000	1,547,000	1,427,000	5,025,000	5,219,000

Other Products

Acidulated soap stock	11,214,000	12,833,000	8,095,000	6,153,000	48,538,000	47,284,000
Animal and fish fatty acids	5,211,000	5,638,000	6,773,000	2,482,000	9,926,000	9,841,000
Animal foots	717,000	818,000	338,000	317,000	401,000	491,000
Fatty acids, from vegetable oil foots	7,200,000	6,635,000	5,121,000	5,123,000	7,632,000	8,121,000
Fatty acids, vegetable, other than from foots	2,466,000	2,757,000	2,005,000	2,021,000	6,440,000	5,403,000
Glycerin, chemically pure	5,763,000	7,734,000	3,305,000	2,822,000	25,458,000	30,132,000
Crude, 80 percent basis	15,025,000	18,712,000	16,023,000	21,202,000	13,522,000	14,105,000
Other refined	9,592,000	9,468,000	4,561,000	4,869,000	25,319,000	24,566,000
Grease and lard oil	5,606,000	5,158,000	3,089,000	3,294,000	5,848,000	5,453,000
Hydrogenated oils, edible	85,852,000	101,326,000	83,254,000	101,590,000	24,439,000	21,490,000
Hydrogenated oils, inedible	10,439,000	13,862,000	9,542,000	13,254,000	4,301,000	3,728,000
Oleo oil	3,310,000	3,361,000	2,462,000	3,252,000	3,251,000	3,552,000
Red oil or oleic acid	5,852,000	6,122,000	4,669,000	4,371,000	[6]10,610,000	[6]10,791,000
Corn, crude	20,643,000	21,485,000	20,991,000	22,877,000	16,656,000	16,525,000
Refined	19,223,000	20,901,000	7,545,000	9,119,000	14,785,000	17,828,000
Cottonseed, crude	217,103,000	232,880,000	194,645,000	181,484,000	157,849,000	133,726,000
Refined	181,960,000	169,490,000	119,374,000	135,377,000	254,713,000	197,756,000
Stearic acid	4,191,000	4,223,000	2,047,000	2,180,000	[7]8,875,000	[7]9,284,000
Stearin, vegetable	8,031,000	8,937,000	7,173,000	7,599,000	8,612,000	9,277,000
Animal, edible	4,555,000	4,457,000	3,166,000	2,941,000	2,813,000	2,764,000
Inedible	4,424,000	3,977,000	1,375,000	1,164,000	1,681,000	1,582,000
Shortening	96,229,000	130,336,000	321,000	265,000	37,853,000	41,142,000
Vegetable oil foots, raw, 100 percent fatty acid content	15,853,000	14,100,000	12,826,000	13,757,000	13,296,000	13,157,000
Winterised oils	24,263,000	23,975,000	3,591,000	3,090,000	29,771,000	26,244,000

Fats, Oils, Raw Materials: November

The preliminary statistics of the raw materials used in the production of animal and vegetable fats and oils for November, 1942, as compiled by the Bureau of the Census, with comparative October figures, follow:—

	Tons			
	Consumed		On hand	
	Nov.	Oct.	Nov.	Oct.
Castor beans	7,448	7,219	4,619	8,739
Corn germs	29,832	30,752	493	408
Cottonseed	718,632	738,370	1,718,636	1,597,871
Flaxseed	111,798	124,471	315,108	344,284
Soybeans	244,337	206,783	1,060,679	756,892
Others	4,112	3,967	4,598	4,562

[1] Agricultural Marketing Administration collected the data from peanut oil producers.
[2] Included in "All other" vegetable oils.
[3] Not shown to avoid disclosure of individual operations.
[4] Fish and Wildlife Service collected the data from fish oil producers.
[5] Inclues 18,739,000 pounds of herring, sardine and pilchard and 3,955,000 pounds of menhaden for November, and corresponding figures for October are 17,606,000 and 2,196,000 pounds.

Cottonseed Crushings Up

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held from August 1 to December 31, 1942, and 1941, according to the Census Bureau, were as follows:—

Cottonseed

	Tons	
	1942	1941
Receipts	4,039,431	3,446,607
Crushed	2,726,984	2,286,477
On hand Dec. 31	1,401,218	1,290,659

Crude Oil

	Pounds	
	1942	1941
Produced	840,854,000	704,522,000
Shipped	796,972,000	655,240,000
On hand Dec. 31	157,212,000	169,742,000

Refined Oil

	Pounds	
	1942	1941
Produced	650,337,000	516,680,000
Shipped	.....	.....
On hand Dec. 31	300,519,000	315,194,000

Cake and Meal

	Tons	
	1942	1941
Produced	1,205,051	999,547
Shipped	1,302,479	783,398
On hand Dec. 31	92,672	380,598

Hulls

	Tons	
	1942	1941
Produced	656,097	572,819
Shipped	650,759	475,777
On hand Dec. 31	49,456	248,481

Linters

	Bales	
	1942	1941
Produced	817,670	663,157
Shipped	638,329	644,239
On hand Dec. 31	222,636	142,112

Diehl & Co. Formed

William Diehl, for many years senior vice-president and director of Adolphe Hurst & Co., has formed Wm. Diehl & Co., McGraw-Hill buildings, 330 West Forty-second street, this city. Mr. Diehl, prominently known in the shellac and wax circles, stated that the new company will handle the same lines of products formerly handled by Adolphe Hurst & Co., which has been liquidated. Telephone number of the Diehl firm is Bryant 9-5211.

72d—OPD—Year

Oils, Fats, Waxes

—*Continued from page* 38

Fish Oils

Cod.—Primary conditions unchanged. Local market quiet and steady.

Sardine.—Refined oil quiet, consumers being inclined to await developments in crude.

Markets at Other Centers

Baltimore—January 13

Trading in menhaden oil virtually at standstill; most fishing companies hardly were able to fill their contracts; some failed to do so.

San Francisco, Jan. 14.—Production of sardine oil slightly better last few days. Market remained very firm at the posted ceiling of 66.75c. per gallon, in tankcars. According to the weekly report of the California Sardine Products Institute, the San Francisco district received 7,250 tons of fish for the week ended January 7; Southern California, 11,064 tons. Monterey got about 1,000 tons.

Fats and Greases

Grease.—Offerings remained light, and few transactions noted though inquiries nemerous.

Tallow.—Output continues to move mainly on contracts previously placed, leaving little available on spot. Firm at ceiling prices.

Chicago, Jan. 15.—Choice white grease, 8⅞c. per pound; oleo stearin, 10.61c.; inedible tallow, prime, 8⅝c.

Animal Oils

Lard.—A fairly active demand was reported for the various grades. The market remained firm in company with raw material.

Neatsfoot.—Supplies available for prompt delivery still appeared to be below normal and market remained in a firm position. Inquiry good.

Waxes

Some carnauba wax arrived from Brazil last week, but so far as could be ascertained, it probably will move from dock to manufacturing consumer. Meanwhile, prices in Brazil continued to advance—this time by leaps and bounds. No more ¼c. per pound raises here; the cables come in cents higher per pound. To date, the rise is between 6c. and 7c. per pound. In some measure the advancing market there tends to confirm earlier reports of a smaller crop and damage to the yellow grades. Replacement costs are now very close to official price ceilings.

Candelilla wax is again being offered from Mexico. A new export setup is in effect there. All offers are made by a Mexican bank to its New York office. This side-swipes and rips apart the former arrangement whereby all offers had been made through a single commercial house, privately owned.

Permits to import beeswax have issued from Federal authority, but importers reported extreme difficulty in getting primary market offerings at values possible under the present limitations established by the official ceiling.

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MANUFACTURERS
IMPORTERS AND EXPORTERS OF WAXES

Tin in Toothpaste, Shaving Tubes Curtailed

OPD Washington Bureau

Manufacturers are directed to curtail the use of tin in toothpaste and shaving cream tubes, but the number of such tubes which can be made from less critical materials will not be affected under the terms of conservation order M-115, as amended January 13 by the Director General for Operations. The order provides the following:—

(1) Effective immediately, the use of tin in the manufacture of shaving cream tubes is prohibited. However, manufacturers may use up the shaving cream tube blanks containing up to 1.5 percent tin which they had in their inventory on January 13, 1943; (2) Beginning April 1, 1943, the tin content in toothpaste tubes is to be reduced to 3 percent of the weight of the tube; (3) During 1943, manufacturers may not pack more than 75 percent of the amount of toothpaste they packed in 1942 in tubes containing tin; (4) Manufacture and use of all-tin tubes used by druggists to fill authorized prescriptions by physicians, dentists, or veterinarians is prohibited. However, druggists are permitted to use up any such tubes as they have on hand.

Commercial Laboratories Elects Ellis President

A. R. Ellis, of Pittsburgh, has been elected president of the American Council of Commercial Laboratories. Other officers elected were:—Vice-president, Major W. P. Putman, Detroit treasurer; T. A. Wright, New York, and secretary, B. L. Oser, of Food Research Laboratories, Long Island city, N. Y. The council is composed of testing, inspection and research laboratories located throughout the United States.

72d—OPD—Year

Chemical Quotas Pass $1,000,000,000 Rate

OPD Washington Bureau

Chemicals allocated for January under orders of the WPB Chemicals Division, announced January 15, had a total value of $85,400,000, of which $56,400,000 worth, or 66 percent, entered directly into identifiable military production. This is equivalent to an annual rate of $1,024,800,000, with $676,800,000 for military uses alone.

The division pointed out that, in addition, many derivative products of the 34 percent not identified as direct military are necessary for the production of military items. The figure of $56,400,000 is likewise exclusive of military purchases of chemical material not under allocation, which are very large.

72d—OPD—Year

Import Controls Revised

OPD Washington Bureau

Imports control order M-63 was amended January 18 by WPB to extend controls to about fifteen groups of commodities and to tighten control of three other products.

Castor bean pomace and nitrogenous materials, caroa products, orange oil, ipecac, and cocoa powder were added to list III of the order. Cacahuananche oil was added to list I. Zinc dross, scrap, and skimmings and milkweed were added to list II.

72d—OPD—Year

Mixed Feeds Prices Ceiled

OPD Washington Bureau

Prices of mixed feeds were placed under control January 17 by the office of price administration in amendment 87 to SR 14, effective January 22. For producers, ceilings are established on present costs plus the individual producers' historical mark-up. For wholesalers and retailers, mark-ups of $2.50 and $7.50 per ton, respectively, are allowed.

72d—OPD—Year

Ad Man of Year

Theodore Marvin, advertising manager for the Hercules Powder Company, Wilmington, since 1931, has been selected as the industrial advertising "Man-of-the-Year" for 1942 by Industrial Marketing magazine. The award was made on the basis of Hercules Company advertisements directed to the chemical industries.

Cosmetic Replacement Charges Set by OPA

OPD Washington Bureau

Manufacturers and distributors of cosmetics and toiletries were warned by the Office of Price Administration January 15 not to advance their charges for replacing or reprocessing returns of faulty or damaged merchandise.

Where it has been a customary part of the terms of sale of cosmetic merchandise for the manufacturer or distributor to replace or reprocess faulty or damaged merchandise, the general maximum price regulation prohibits any changes in customary allowances which would impose more severe conditions of sale.

Where the manufacturer's or distributor's sale of cosmetic merchandise did not previously carry an arrangement to reprocess merchandise damaged by causes other than faulty manufacture, maximum reprocessing charges are established for the reprocessor by maximum price regulation No. 165-services.

72d—OPD—Year

Fertilizer Formula Approved For Victory Gardening

OPD Washington Bureau

A new victory garden fertilizer composed of 3 percent nitrogen, about 85 percent of which is organic, 8 percent of phosphoric acid, and 7 percent of potash, received the approval of WPB and the Department of Agriculture January 15. In a joint announcement it was stated that the fertilizer will be sold in uniform packages of 5, 10, 25, 50, and 100 pounds, and may be sold under brand names of the manufacturer, but must be labeled "Victory garden fertilizer—for food production only."

72d—OPD—Year

Lynch Jap Prisoner

Lieut. James B. Lynch of the U. S. Army Corps of Engineers is a prisoner of the Japanese in the Philippines, according to a telegram received by his mother, Mrs. Lillian B. Lynch, Watertown, N.Y., from the Adjutant General at Washington. Lieut. Lynch was a member of the advertising department of the Monsanto Chemical Company in St. Louis prior to being called to active duty in the Corps of Engineers i nthe Summer of 1941.

J. B. Lynch

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Drugs and Fine Chemicals

Caffeine and Theobromine Sellers to Confer With OPA Today on Price Ceilings — No More Production Quinine Products for Hypodermic Administration

Price activity was lacking last week in the market for drugs and fine chemicals. Schedules were kept intact and seemed likely so to remain during the nearby future, especially in view of the fact that the Office of Price Administration and industry are thinking in terms of a greater number of definite dollars and cents price ceilings to supplant the overall limitations laid on quotations by the General Maximum Price Regulation.

Along that line was the appointment of two days for conferences between OPA officials and representatives of the producers and sellers of saccharin, caffeine alkaloid, anhydrous caffeine, citrated caffeine, and theobromine. Proposed maximum prices on those commodities will be discussed in this city, January 18 and 19 being the conference days. Prices to serve as a basis at the conference have been drawn up. See elsewhere, this issue. Definite price ceilings on caffeine alkaloid and citrated caffeine were first proposed almost exactly one year ago.

The War Production Board made a contribution to the week's developments through its order M-221, which is designed to standardize the size of bags permitted for use by processors and packagers of chemicals. Standard packages over the range 2 to 100 pounds were provided. Only specified-sized bags may be used after April 1.

Late in the previous period, the WPB amended its quinine control order M-131, eliminating the use of quinine to make quinine and urea hydrochloride, and quinine hydrochloride and urethane—products which the original order permitted to be made for hypodermic administration.

Total purchases of milk powder by the Food Distribution Administration, Department of Agriculture, between December 24 and January 6 totaled 4,274,615½ pounds, all kinds of processes included. Also, on January 8, 25,000 gallons of codliver oil.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
240.1	240.1	240.1	241.1

Market news that may have developed after this report was sent to press will be found on page 4.

Acid, Citric.—Every thing suggests that stocks will remain small. Consumers in civilian ranks will be lucky if deliveries are not cut below the present program of 50 percent of monthly deliveries in 1941.

Acid, Nicotinic. Apparently steady in price. However, past price history has been anything but one of steady prices. The trend downward may still continue even as the curve of production and consumption rises.

Acid, Tartaric.—Believed that most home requirements are being met. Reports allege that holders of resale material have sold under producers' schedule at times. Not a word concerning actual shipment of raw material from North Africa.

Alcohol.—Hard to see how total war requirements can be met even with plant expansions and increases now in sight. Rubber program delay tempers situation some. Delay only means sudden rise in consumption later on. Raw material problem may rise to vex those in charge of alcohol-production expansion. Civilian goods requiring alcohol in manufacture likely to receive less of this vitally essential raw material.

Ammonia Benzoate.—Very scarce. No relief in sight. Demand good.

Amyl Acetate.—Movement up to recent levels. Consumption at excellent levels. Little surplus material on open market. Not much competition.

Bismuth Metal and Salts.—Consumption very good. Metal consumption at high level. Stocks of salts in fair shape. Market tends firmer.

Butyl Acetate.—Price range very wide. Some sell at ceiling. Some below. Demand good. Tends to gain. Stocks small in some quarters.

Caffeine.—Washington OPA moves once more in ceiling matter. Two conferences set for January 18 and 19 in Hotel McAlpin this city. Specific topic between OPA representatives and the trade is maximum prices on caffeine alkaloid, citrated caffeine, and anhydrous caffeine. Curiously, the first conference reprice ceilings held by OPA was on January 21 and 22, 1942.

Castor Oil.—Mills have been better supplied with beans of late. Could still use more. Some part of transportation difficulties solved. Demand runs high.

Chicago, Jan. 13.—Good call for castor oil. Steady market. Prices are:—Cold pressed, U.S.P., 14½c. per pound, returnable drums, car lots; 15¼c., drums, less than car lots; 12¾c., tanks; No. 3, extracted, 14½c. per pound, returnable drums, car lots; 15c., drums, less than car lots; 13½c., tanks.

Diethylamino Ethanol.—Placed under complete allocation January 9 by WPB.

Furfural.—Synthetic rubber program to take most all production when program gets into full production. Preparing now to meet the expected augmented consumption.

Fish Liver Oils.—Government still heaviest and largest buyer. Lend-lease purchases huge. Market turning firmer.

San Francisco, Jan. 13.—Although there has been some private buying, it has not amounted to much volume, and the government orders are what keeps the industry going right now. 100,000 unit oil in the A class is mentioned in terms of 15c. per million units.

Glycerin.—Production rolling out at high volume from plants of leading refiners. Not a pound of surplus anywhere. Good results emerge from government's glycerin recovery program.

Chicago, Jan. 13.—Glycerin moving well. Market steady. Prices for both chemically pure and high gravity are:—Tankcar, 18c. per pound; drums, car lots, 18¼c.; drums, less than car lots, 18¾c.

Methanol.—Federal statements mention apparent shortage of synthetic ite, in 1943 of about 10,000,000 gallons. Natural methanol not reckoned in total quantity probably to be available. Complete allocation in effect to reduce consumption for other than war program goods.

Milk Powder.—Food Distribution Administration, Department of Agriculture, over period December 24 to January 6, inclusive, bought 4,001,-015½ pounds of skimmed milk, spray process, powder. Also, 53,600 pounds of roller process. From January 1 to January 5, inclusive, it bought 220,000 pounds whole milk powder, almost equally divided between spray and roller processes.

Nicotinamide.—Holding steady at late decline. Active demand pressed output. Production reported gaining along with consumer requirements.

Potash Citrate.—Consumers bound to be scrimped over 1943. Not a sign but which points to shortage. Allocation the only solution. Under voluntary allocation now, 50 percent of monthly deliveries in 1941.

Potash Guaiacolsulphonate. — In

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 8

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moderate supply and excellent, highly seasonal request. Not much chance for increase in supplies.

Quicksilver.—Production curbed by bad weather at western mines. War program biting steadily into reserves. Little metal on spot market free from engagement. Strong undertones.

San Francisco, Jan. 13.—Fairly good interest is maintained in quicksilver, and prices are in the ceiling bracket. There is need of more metal, judging by the current demand, while, on the other hand, production will now be off during the winter months.

Quinine.—Use of quinine in making quinine and urea hydrochloride and quinine hydrochloride and urethane eliminated from original control order M-131. Existing stocks, above products derived from quinine, may be used. Amended order signed January 9. Sole use of quinine is as an antimalarial.

Saccharin.—Examination of proposals for maximum prices to take place January 18 and 19, Hotel McAlpin, this city. OPA and trade representatives to confer then.

Santonin.—Demand shows a slight rise. Expected to mount steadily with arrival of Spring. No exceptional reserve stocks in hand now.

Silver Nitrate.—The schedule of silver nitrate prices since the last report in 250-ounce quantities—500 ounces would cost ¼c. less—together with comparative prices on silver bullion in New York and London, was as follows:—

	Per ounce		
	Nitrate. Cents.	Bullion— New York. Cents.	London. Pence.
Saturday	32⅝	44⅛	23½
Monday	32⅝	44⅛	23½
Tuesday	32⅝	44⅛	23½
Wednesday	32⅝	44⅛	23½
Thursday	32⅝	44⅛	23½
Friday	32⅝	44⅛	23½

Theobromine.—OPA representatives to hold conference January 18 and 19, Hotel McAlpin, this city, to talk about price ceiling with sellers.

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Caffeine, Vanillin Ceilings Purposed

—Continued from page 3

Vanillin

Producers, Primary Distributors

Container size	Per pound by type of vanillin: Eugenol-vanillin	Guaiacol-vanillin or lignin-vanillin
25 lbs. or over	$2.60	$2.35
5 lbs.	2.65	2.40
1 lb.	2.75	2.50
¼ lb.	2.90	2.65
1 oz.	3.20	2.95

Resellers

Container size	Eugenol-vanillin Sold in quantities of— 5 lbs. or more	Less than 5 lbs.	Guaiacol-vanillin or lignin-vanillin Sold in quantities of— 5 lbs. or more	Less than 5 lbs.
5 lbs. or over	$3.05	...	$2.76	...
1 lb.	3.16	$3.58	2.88	$3.25
¼ lb.	3.34	3.77	3.05	3.40
1 oz.	3.68	4.16	3.39	3.84

Ethyl Vanillin

Container size	Producers primary distributors	Resellers— In lots of 5 lbs. or over	Resellers— In lots of less than 5 lbs.
25 lbs.	$5.25	$6.04	...
5 lbs.	5.30	6.10	...
1 lb.	5.40	6.21	$7.02
¼ lb.	5.55	6.38	7.22
1 oz.	5.85	6.73	7.68

Coumarin

Container size	Producers primary distributors	Resellers— In lots of 5 lbs. or over	Resellers— In lots of less than 5 lbs.
5 lbs.	$2.75	$3.16	...
1 lb.	2.90	3.34	$3.77
¼ lb.	3.10	3.57	4.04
1 oz.	3.25	3.74	4.22

Saccharin

Producers, Primary Distributors

Container size	Maximum price per pound: Sold in quantities of— 2,000 lbs. and over	1,000 up to 2,000 lbs.	100 up to 1,000 lbs.	Less than 100 lbs.
100 lbs. or more	$1.25	$1.30	$1.40	...
25 lbs.	...	...	1.45	$1.60
5 lbs.	...	...	...	1.65
1 lb.	...	...	...	1.80
¼ lb.	...	...	...	1.95
1 oz.	...	...	...	2.35

Resellers

Container size	Maximum price per pound: Sold in quantities of— 2,000 lbs. and over	1,000 up to 2,000 lbs.	100 up to 1,000 lbs.	5 up to 100 lbs.	Less than 5 lbs.
100 lbs. or more	$1.44	$1.50	$1.61	...	...
25 lbs.	...	...	1.67	$1.84	...
5 lbs.	...	...	...	1.90	$2.15
1 lb.	...	...	...	2.07	2.34
¼ lb.	...	...	...	2.24	2.56
1 oz.	...	...	...	2.70	3.04

The regulation does not apply to sales of reagent grades of the chemicals to persons for use in medicinal or chemical preparations where the reagent grades have been customarily used, or to persons who buy reagent grades for resale for such use. Price of such sales are to be governed by the GMPR.

Neither does the regulation apply to sales in tablet or capsule form, to exports except as it establishes domestic maximum prices which are used as base prices for the determination of export prices, nor to imports.

The regulation further states that the prices established shall not be increased by any charges for containers, but sellers may require the return of containers of 25 pounds size or larger and when sales are made in these containers a reasonable deposit can be demanded by the seller.

A provision is also contained in the regulation permitting the sellers and buyers to agree to an adjustment of prices under contract where the OPA grants an increase in the ceiling price before the delivery date. For example a seller may agree with a buyer to make delivery six months later at a stipulated price but if prior to delivery the OPA raised the ceiling price, the higher price may be charged by the seller.

The definitions of the fine chemicals embraced in the regulation are:—

"Caffeine" includes caffeine U.S.P. and all other grades and kinds of caffeine except anhydrous caffeine.

"Anhydrous caffeine" means caffeine with a water content not in excess of one percent by weight.

"Theobromine" includes all grades and kinds of theobromine.

"Citrated caffein" includes citrated caffeine U.S.P. and all other grades and kinds of citrated caffeine.

"Vanillin" includes vanillin U.S.P. and all other grades and kinds of vanillin.

"Eugenol-vanillin" means vanillin produced by the eugenol process.

"Lignin-vanillin" means vanillin produced by the lignin process.

"Guaiacol-vanillin" means vanillin produced by the guaiacol process.

"Ethyl vanillin" includes all grades and kinds of ethyl vanillin, a compound which is sometimes also referred to as bourbonal, ethylprotal, ethovan, vanillal, vanirome, or vanillodine.

"Coumarin" includes coumarin N. F. and all other grades and kinds of coumarin.

"Saccharin" includes saccharin U.S.P. and soluble saccharin U.S.P. and all other grades and kinds of saccharin.

72d—OPD—Year

Eastman Kodak Company, Rochester, N. Y., will divide a wage dividend of $2,586,000 with thousand of operatives.

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Manufacturers of
CACODYLIC ACID C.P.
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CHASE BAG CO.
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OPD—1-18-1943

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"Buy War Bonds and Stamps—for Victory"

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Botanical Drugs, Spices and Gums

Dandelion and Gentian Roots Lowered—Replacement Rhubarb Cheaper on Spot—Eastern Valerian Shaded—Jamaica Asks for Bids on New Crop Ginger

The market for botanical drugs turned somewhat more active last week. Sales volume rose moderately and without much fuss or fury in the doing. Also, the rise in transactions did little more than confirm most articles in a definitely steady price position. Undertones were very firm.

Important to the botanical suppliers, as well as those whom they supply, was the Washington report that a committee representative of the botanical drug industry as a whole would be set up by the Office of Price Administration. This move did not originate with OPA, but was the result of a request sent by the industry to the price control body. This much was learned from Washington. The New York trade was mum on the subject except for admitting that OPA was apt to act.

Another development, also originating in Washington, was the transfer of spice control, as embodied in the War Production Board order M-127, from WPB to the Department of Agriculture. The accomplished fact was the sole news in this development; the spice and spice seed trades had known for several weeks that they would soon report to the D. of A. The advisory committee representing the trades had, in fact, practically severed its relations with WPB some time ago, in anticipation of that which has now been officially ordered.

Dandelion and gentian roots were in more favorable price position, as also was rhubarb and eastern valerian. Jamaica asked for bids on new crop ginger after trying without success to enforce its own price views.

Balsams

Peru. — Reports of an advance in prices proved somewhat premature. The announcement brought undisclosed lots into the market at $1.40 when some were trying to get $1.50.

Tolu.—Dull and lacking quotable price change.

Barks

Angostura.—Plenty in hand. Little demand. Unsettled in price.

Black Haw.—Demand revives moderately. Finds prices definitely firm.

Cascara Sagrada.—Well held in all markets. Not much spot activity.

Elm. — Seasonal interest grows. Prices turn firmer. No change as yet.

Sassafras.—Firm, spot and country. Reasonable activity. Steady prices.

White Pine.—Moving more actively. Volume up. Prices hold.

Wild Cherry.—Demand up to seasonal normality. Quotations very steady.

Beans

St. Ignatius.—Little open market activity. Outlet exists for all available.

Vanilla.—Reported Bourbon beans about to arrive. Britain always looks after the British. Beans due to come via British sources that moved in when the British took over Madagascar and Reunion Islands. A little lend-lease here would not do American vanilla bean merchants any harm and would create measurable goodwill.

Berries

Saw Palmetto. — Practically no spot activity but very steady prices accompany lack of local competition.

Sumac.—Enough is available to care for the current low volume demand.

Flowers

Arnica.—Demand picks up. Volume gains. Competition receded. Prices firmer.

Chamomile. — Prices and demand steady. Replacements probably could be obtained in the Argentine.

Clover.—Slower and narrower market fails adversely to affect values.

Pyrethrum. — Market expected to hum when government allocations begin to raise outmovement from millers' plants. Many former users won't get any.

Saffron.—Small orders build fair volume in Spanish flowers. Sales fully confirm recently prevailing prices.

Gums

Arabic.—A deal of competition persists on spot. Keeps prices in fairly soft position. Reserves substantial.

Asafetida. — Holding firm despite conservative volume of business. Replacement position a strengthening element in market.

Benzoin.—Would not take much buying to clear market of spot stocks. Definitely on strong side.

Camphor.—Practically none but domestic synthetic holds interest for former users of domestic natural item. Volume runs to high figures.

Euphorbium. — Very little available. All with stocks take strong market position.

Kino.—Market still bare of supplies.

Tragacanth. — Holders not anxious sellers. Declare replacement uncertainty warrants maintainance of very firm market.

Herbs and Leaves

Belladonna.—Steady. Fair activity. Holders say won't be much left unsold when next new crop is ready. Prices steady.

Buchu.—Not a trace of weakness. Little change in volume or orders.

Digitalis.—Steady to firm. Activity routine. Must orders small.

Henbane.—No surplus supply. Stocks in strong hands. Prices stabilized.

Laurel.—Portuguese lower at 15c. to 16c. per pound. Other kinds unchanged.

Marjoram. — Chilean herb now afloat offered lower at 40c. to 41c. per pound.

Sage.—Trip into growing area in California brings report that crop of leucophylla not yet "ripe." Won't be for about sixty days. Nothing available now.

Senna. — Showing strength under pressure of sustained demand.

Stramonium. — Reported to be plenty available in Argentina.

Price Changes

Advanced

Celery seed, Indian, 1c. per lb.
Coriander seed, Morocco, ¼c. per lb.
Millet seed, yellow, ¼c. per lb.
early fortune, ¼c. per lb.
Pepper, black, Lampong, 50 to 100 bgs., ½c. per lb.
Sunflower seed, large, 1½c. per lb.
medium, ¾c. per lb.
poultry, 1c. per lb.

Reduced

Anise, Syrian, ½c. per lb.
Caraway seed, Syrian, dewhiskered, 4c. per lb.
Dandelion root, 1c. per lb.
Gentian root, whole, 1c. per lb.
ground, 1c. per lb.
powdered, 1c. per lb.
Ginger root, Jamaica, No. 1, 1c. per lb.
No. 2, ½c. per lb.
Laurel leaves, Portuguese, ½c. per lb.
Marjoram, Chilean, afloat, 2c. per lb.
Nutmegs, West Inlian, 1c. per lb.
Poppy seed, Turkish, ½c. per lb.
Rhubarb root, whole, 5c. per lb.
powdered, 5c. per lb.
Valerian root, Eastern, 5c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
259.9	259.9	259.0	327.8

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 8

CHECK YOUR NEEDS
OF HOPKINS' ANALYZED HIGH-STANDARD
CRUDE DRUGS

If it is humanly possible to get it, Hopkins has it! The list of botanical drugs offered below is only a small part of those being supplied daily by us. But we can and *do* cooperate with our customers even beyond the limits of reasonable expectations. For your requirements, remember, the House of Hopkins has been the last word, for over 52 years, in every foreign and domestic botanical crude drug for which there is commercial demand.

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- √ ANISEED
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- √ BELLADONNA
- √ BENZOIN GUM
- √ BOLDO LEAVES
- √ BUCHU
- √ CELERY SEED
- √ CHAMOMILES
- √ CINCHONA BARK
- √ COCILLANA
- √ CORIANDER
- √ CORN SILK
- √ DANDELION
- √ ERGOT
- √ FENNEL SEED
- √ FOENUGREEK
- √ GENTIAN ROOT
- √ GINGER
- √ GUM ARABIC (all kinds)
- √ HELLEBORE RT. White
- √ HENBANE
- √ HOREHOUND
- √ IPECAC
- √ IRISH MOSS
- √ JUNIPER BERRIES
- √ KOLA NUTS
- √ LAUREL LEAVES
- √ LAVENDER FLOWERS
- √ MARJORAM
- √ OLIBANUM GUM
- √ ORANGE PEEL
- √ PAPAIN
- √ PEPPERMINT
- √ PSYLLIUM SEED
- √ QUINCE SEED
- √ RHUBARB ROOT
- √ ROSEMARY
- √ SAGE
- √ SARSAPARILLA
- √ SENNA LEAVES & PODS
- √ SQUILL ROOT
- √ STRAMONIUM
- √ STROPHANTHUS SEED
- √ THYME LEAVES
- √ UVA URSI
- √ VALERIAN
- √ WHITE SQUILLS

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80 JOHN STREET, NEW YORK CITY
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INDUSTRIAL CHEMICALS
GUM TRAGACANTH
GUM ARABIC

Miscellaneous

Cantharides. — Stocks scraping storage bins. Purely nominal market.

Dragon's Blood.—Inability to replace fails to affect sellers' price views.

Ergot.—Quiet to the point of dullness. Considered cheap at current quotes.

Lupulin.—Reported to be plenty of N. F. material available.

Nux Vomica. — Consumption running to excellent totals. India still able to ship.

Papain.—Stocks on spot larger than recently. Arrival did not break prices.

Roots

Aletris.—Strong. Stocks moderate. No inclination to shade in primary market.

Dandelion.—Shaded to 31c. to 32c. per pound when competition pressed.

Gentian.—Reduced again. Whole, 50c. to 52c. per pound; ground, 55c. to 57c.; powdered, 56c. to 58c. Sharply competitive market.

Golden Seal.—Fully strong at the several advances made recently.

Ipecac.—Very firm at all points. Replacements costly.

Jalap.—Steady to firm. Activity routine. No surplus stocks.

Rhubarb.—Further replacements arrive. Prices down to $1.15 to $1.35 per pound for whole; powdered, $1.20 to $1.45.

Valerian.—Some report anxiety for business in Eastern root at lower price of $1 per pound.

Seeds

Anise.—Syrian seed shaded to 29c. to 29½c. per pound.

Caraway.—Dewhiskered Syrian reduced to 45c. to 46c. per pound.

Celery.—Indian seed, spot, advanced to 30¼c. to 30¾c. per pound.

Coriander.—Fractionally higher at 10¾c. to 11¼c. per pound for Morocco goods.

Millet.—Higher at 3¾c. to 4¼c. per pound.

Poppy.—Turkish softer and lower at 34½c. to 35c. per pound.

—Continued on page 54

Trade Briefs

Colloids, Inc., has moved its offices to 394-398 Frelinghuysen avenue, Newark, N. J.

Food distribution order No. 5 is designed to assure an adequate supply and efficient distribution of roasted chicory.

Standard Synthetics, Inc., 119 West Twenty-fifth street, this city, has issued its 1943 catalog of essential oils, flavors, aromatics and perfumes.

Victor Blagden & Co., Ltd., tar, ammonia and wood products, London, has placed on its directorate H. G. Piper, W. H. Bailey and R. S. Walde.

Reichard-Coulston, Inc., dry colors manufacturer, employees this year voluntarily gave up their Christmas party and donated the entire proceeds to the U.S.O.

Donald J. Hardenbrook, recently appointed post war planning manager for Union Bag & Paper Corporation, has now been made assistant to the president of the company.

Specific organic reagents of analytical chemistry are discussed by Edmond S. Perry, of Distillation Products, Inc., in *Synthetic Organic Chemicals* (14:5), published by the Eastman Kodak Company, Rochester, N. Y.

72d—OPD—Year

'Betalin Complex' Price Set

OPD Washington Bureau

Maximum prices for sales by Eli Lilly & Co., of 'Betalin Complex,' a new vitamin B product being marketed by the company, were fixed by the Office of Price Administration in an order issued January 13 at $1.60 per package of six 2-cc. ampoules and to retailers for the account of wholesalers at $1.92 per package.

72d—OPD—Year

Beirne with Cans, Inc.

Thomas J. Beirne has joined Cans, Inc., Chicago, as assistant general manager, after an association of over eighteen years with the National Can Corporation.

CRUDE DRUGS

PEEK AND VELSOR INCORPORATED
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USP
IPECAC ROOT

HISTORY

The first use of *Igpecaya,* or *Pigaya,* for the bloody flux — dysentery — was recorded in A. D. 1570-1600 by a Portuguese friar in Brazil.

It was the secret dysentery remedy of Helvetius, quack French physician. About 1700, he sold the secret to King Louis XIV for $4,000. The King made it public.

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Is an Expectorant, Emetic, and Stomachic In Modern Medicine

BOTANICAL NAME	TEST	COMMON NAME
Cephaelis Ipecacuanha		Poaya

Not less than 5% ether-soluble alkaloids.
Not more than 5% overground stems.
Not more than 2% other foreign matter.

OPD—1-18-1943

Essential Oils, Aromatic Chemicals

Cedarleaf and Citronella Higher—Caraway Reduced—Lend-Lease Buying of Distilled Lemon—Madagascar and Reunion Oils May Come Here Via British Sources

Althought there was no great amount of price shifting in the market for essential oils and aromatic chemicals last week, there was some change in the volume of transactions and several dealers of substantial importance reported a moderate rise in business done. The market kept all of its recent and basic firmness, the vast majority of materials being considered.

Higher quotations developed under the pressure of larger demand for the U.S.P. and technical grades of cedarleaf oil. There was also a marked strengthening of the position of Ceylon citronella, which article brought higher prices. Both cedarleaf, and citronella from Ceylon were disposed to reflect a strengthening and rising cost of replacements.

Operations of the Food Distribution Administration of the Department of Agriculture were noted in caraway oil and in distilled lemon oil. The latter was taken to the tune of 15,000 pounds. But 350 pounds of the former were bought but at a price lower than had been done previously. Distilled lemon oil never was much of an article in domestic commerce but it bulked large on the London market. It is not improbable that the purchase mentioned was a lend-lease operation for British account.

Developments in other materials produced in Madagascar and Reunion islands suggests that shipments through British sources may eventually come on this market. Geranium oil, recently much easier locally, could be affected; also clove, palmarosa, lemongrass, and ydang ylang oils.

Price Changes

Advanced

Cedarleaf, USP, 15c. per lb.
technical, 15c. per lb.
Citronella, Ceylon, 10c. per lb.

Reduced

Caraway, $1 per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
246.5	245.8	277.6	278.0

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Slightly firmer position for sweet oil. Few quote under $1.85. Many won't take under $2. Limited lots at $1.70.

Apricot.—The market is firming substantially. Some report a rise in Pacific Coast quotations. Some gain in demand noted locally.

Bay.—No weakness possible. All transport charges run high. Available transport insufficient to keep normal reserves locally.

Bois de Rose.—Reasonably steady under quiet demand for parcels limited in size. Firm in the primary market at the moment.

Cananga.—Limited quantities distributed among a very few holders. Not much demand at moment. High prices have curtailed consumption.

Caraway.—Food Distribution Administration, Department of Agriculture, buys 350 pounds British Pharmacopeia standard oil at $14 per pound. Not much trade for domestic consumption.

Cassia.—Inquiry for five tons reported but unconfirmed in open market. No such quantity available on open market here.

Cedarleaf.—U.S.P. oil advanced to minimum of $1.25 per pound. Technical, 90c. to $1.10. Reflects strengthening of replacement costs in country.

Citronella.—Ceylon oil price trend reversed. Market up to $1.25 to $1.50 per pound, ranges according to seller. Stronger for replacement.

Clove.—Holding very steady and moving well and steadily at full market prices. The raw material situation may improve. Also, Britain may ship Madagascar oil to this country.

Geranium.—No further price recession. Arrivals from primary market not unlikely. May be shipped by British operators. Britain shipping other primary market materials here.

Lemon.—Activity routine and along normal lines at full prices. Food Distribution Administration, Department of Agriculture, bought 15,000 pounds distilled oil for shipment under lend-lease and territorial food programs. Paid 88c. per pound. Distilled oil rarely sold for domestic consumption. Was a popular item on London market in pre-war days.

Lime.—Plenty of Mexican and Guatamala oil available. Mighty little Jamaica oil. Lots of competition in first two varieties. None in last.

Orange.—No exceptional activity on spot. Demand moderate in size. About even with recent transactions. Prices still fairly easy, competitive.

Palmarosa.—Quiet to dull. Demand strictly jobbing. Undertones steady. No unrestricted ability to secure steady replacements likely.

Patchouli.—A slight rise in total volume of sales, some quarters. Forced by replacement operations of two substantial users. Prices firmer.

Peppermint.—No further signs of lend-lease operations. Likely to come any time. Current domestic activity rather quiet. Prices steady to firm.

Petitgrain. — Cables reveal firm prices in primary market. Attempts to buy by bidding usually lack success. Spot prices reflect source firmness.

Pimento.—Very firm, reflecting the strength of raw material and oil, together with its control features in the primary market.

Sandalwood. — Very steady. Reserves of fair size on spot. Still possible to get billets through from primary market. No certainty of normal arrival time.

Snakeroot.—In very low reserve. Headquarters not quoting anything. Most dealers totally devoid of stocks.

Spearmint.—Rather dull on spot but still very steady. Minimum spot prices very close to primary market minimum quotations.

Thyme.—Inquiry shows some improvement, some say. Others call market strictly routine under reduced requirements of numerous buyers.

Vetiver.—Quoted low as $25 per pound. High as $40 wanted and reported paid. High cost curbs consumption here.

Wormseed.—Gathering strength as stocks decrease. Many months before new production becomes available. Lend-lease likely to figure later.

Aromatic Chemicals

Acetaldehyde.—Very quiet among sellers of perfumers' raw materials but also very steady in price, notwithstanding. Fair supplies. A fifty percent solution in alcohol bringing around $1.90 per pound.

Benzaldehyde.—Leading producers' schedule remains unchanged. Reports of an advance discounted. Possibly done by resellers with ceilings that permit.

Benzyl Alcohol.—Demand pushes productive capacity of makers to the limit. Expansion of output virtually impossible.

Benzyl Benzoate. — Most current needs met but no surplus of stocks exists. Output probably cannot be expanded.

Cinnamic Alcohol.—Moderate quan-

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 8

A super-critical manufacturer writes:
"It's a Very Good Replacement for Oil Lavender Flowers U.S.P."

Imitation Lavender #30
MM&R

For use in technical products, this tested and proved replacement has no peer. Attractive price schedule provides genuine economy. Send for prices and testing sample now!

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Citronella, Cloves, Labdanum, Cade, Also Lemon, Orange, Limes, Peppermint Oils, etc.

Distillers and Importers of Essential Oils, specializing in genuine Spanish Rosemary, Spike Lavender, Sage, Thyme, etc. Manufacturers of Aromatics, Perfume Bases, and Terpeneless Oils. Special compounds for all kinds of Soaps, Disinfectants Sprays and Insecticides.

Samples gladly submitted. Send us your problems.

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CONSERVE NATURAL OILS and CUT MATERIAL COSTS with these APPROVED SUBSTITUTES

Manufacturers whose business expansion is being hampered by quota restrictions on essential oils will find a happy solution to their problem in the use of our *economical* and *highly approved* imitations of the natural oils. These precise duplications may be used either as extenders or in complete replacement of the genuine oils. For samples, tell us what oils you are now using and the products in which they are being employed. Please address us on your letterhead.

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OIL of PEPPERMINT
Of American Origin Only
A. M. TODD COMPANY
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MORE IMPORTANT THAN EVER
Javonella
PERFECT FOR PERFUMING
• LAUNDRY SOAPS • WASHING POWDERS • LIQUID CLEANSERS • POLISHES, ETC.
EVEN when oil of citronella was low in price and easy to obtain, JAVONELLA was a reliable favorite. A great many manufacturers preferred its finer, cleaner odor, its uniform quality and consistent economy. And now that Citronella is high in price and difficult to get, JAVONELLA is more important than ever before.
WRITE FOR SAMPLE AND QUOTATION
FELTON Quality
FELTON CHEMICAL COMPANY, INC.
599 JOHNSON AVE., BROOKLYN, N.Y.
Branches in Principal Cities
Manufacturers of Aromatic Chemicals, Natural Derivatives, Perfume and Flavor Oils

tities available. Dealers report sales at upwards of $3.35 per pound. Has brought high as $6.50.

Coumarin.—Office of Price Administration officials and sellers to confer on possible price ceiling. On January 18 and 19, Hotel McAlpin, this city.

Diphenyl Oxide.—Market routine but substantially firm in all respects.

Ethyl Benzoate.—Several dealers report a swelling of inquiry and some gain in spot sales. Prices revealed in very firm position.

Ethyl Cinnamate.—Market steady to firm. Demand routine.

Ethyl Vanillin.—Possible price ceiling to be discussed January 18 and 19, Hotel McAlpin, this city, by OPA men and sellers of this material.

Geraniol.—Stocks definitely short. Deliveries delayed.

Heliotropine.—Interest very good. Small orders numerous.

Hydroxycitronellal. — Some producers still behind in deliveries.

Linalool.—Reserves on short side. Replacement buying difficult.

Linalyl Acetate.—Demand excellent. Stocks small.

Methyl Anthranilate.—Well stabilized on the spot. Current competition limited.

Methyl Cinnamate.—Demand hand-to-mouth. Prices firm.

Nerolin.—Not too much available on a prompt delivery.

Phenylacetaldehyde.—Almost nominal. Replacement operations small of late.

Phenylethyl Acetate.—Very firm. Stocks small.

Phenylethylphenyl Acetate.—Some report more trade.

Vanillin.—Dollars and cents price ceiling to be subject discussed January 18 and 19, Hotel McAlpin, this city, when sellers of this material and OPA officials go to conference.

Essential Oil Ass'n Discusses Standards

—Continued from page 7

with practically no difficulty. We know that such an idea is false; to what extent it is wrong, the scientific section has undertaken to investigate, and will render a report during this coming Spring.

You are cordially invited to send us your recommendations of problems that should be studied by the scientific section of your association. You are fully familiar with what we are capable of doing, and in the course of the performance of your daily routine business you have no doubt come across "weak points" of a more or less technical nature. These problems can be studied by us if you will bring them to our attention.

May I again express my heartiest thanks to our managing director, Mr. Schlotterer, for his untiring and wholehearted cooperation during the year, in the performance of our duty, and may I express the very same thanks to all the members of the scientific section of the association who have shown such great interest in our work and who have devoted so much of their time toward the solution of the many problems which have confronted us. May the year 1943 see the same amount of fruitful work accomplished, with the same spirit of progress and harmony among us.

Officers Reelected

The association returned to office the retiring incumbents with but one change in the personnel of the executive committee. The roster for 1943 is:—

President, V. H. Fischer, of the Dodge & Olcott Company.

Vice-president, John H. Montgomery, of Fritzsche Brothers, Inc.

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Petroleum Derivatives

Shortage of Petroleum Base Solvents, Gases and Other Chemicals Growing More Acute As Their Production and Movement Are Made Secondary to Military Requirements

With the major portion of the country's refining plant capacities and transportation facilities impressed into the service of rushing gasoline, fuel and lubricating oils to our mechanized fighting fronts in North Africa and the South Pacific, production and movement of special usage naphthas, liquefied gases and other petroleum derivatives of the highly developed chemical types have been permitted to languish within the past week.

Several additional small refineries, lacking an adequate supply of crude petroleum, have been forced to reduce their output of solvents, diluents and lighter hydrocarbons, and, in some instances, to suspend operations with the intention of resuming only when assured of a more constant and dependable flow of crude oil from the fields. The resultant shortage of these derivatives has become more acute every day in the interval under review.

Efforts to swell the output and eastward movement of crude oil from the Mid-Continent and Southwestern fields by rail, pipeline and inland water routes have failed again. The greatly desired granting of an incentive for amplifying the outturn of crude oil, which is to take the form of an authorized boost in crude oil prices in the Southwest, has been deferred for at least a month.

Little hope for relief from the ban on pleasure driving and gas and fuel oil rationing regulations has been created by the suggestions made by the Petroleum Industry War Council, for drawing military requirements from sources other than the East Coast or for using some of the new army and navy tankers to convey the oil from the Gulf Coast to the Atlantic seaboard. Even the announcement that a subsidy will be paid on movements of kerosene into the North Atlantic States, when that liquid fuel is shipped the more expensive way—in drums instead of tankcars—has failed to exert an especially cheering influence.

Solvents and Diluents

Aromatic Solvents.—Demand continues to outstrip supply in allocated grades. Those busied with war contracts, however, are generally able to fill their needs in these grades. Consumers lacking authorization to buy the allocated grades, with average distillation points under 330 degrees, are taking products with distillation points slightly above that level or are having recourse, whenever possible, to aliphatics.

Cleaners' Naphtha.—Buying movement attaining larger proportions daily. Supplies becoming tighter daily.

Lacquer Diluent.—Purchasing interest constantly expanding. Stocks are light.

Mineral Spirit.—Orders keep pouring into market and being filled as rapidly as stocks permit.

Rubber Solvent.—Purchasing movement gaining momentum, with rubber reclaimers heading the buyers.

V.M. & P. Naphtha.—Demand from war product contracts and paint industry calling for all available supplies.

Markets at Other Centers

Chicago—January 15

Aromatic Solvents.—Intense demand; prices stiff.

Cleaners' Naphtha.—Interest good, and market firm.

Lacquer Diluent.—Buyers interested; market holds.

Mineral Spirit.—Extensive orders; no price change.

Rubber Solvent.—Broader demand, and market strong.

Stoddard Solvent.—Good call, with quotations steady.

V.M. & P. Naphtha.—Brisk inquiry, and prices stiff.

San Francisco—January 15

Aromatic Naphthas.—Business very brisk.

Lacquer Diluent.—Demand good.

Rubber Solvent.—Special types getting especially good call.

Stoddard Solvent.—Large demand.

V. M. & P. Naphthas.—Paint trade is ordering out good-sized lots.

Cleaners' Naphthas.—Routine.

Tulsa—January 15

V.M. & P. Naphtha.—Refiners experiencing great difficulty in filling all proffered orders, chiefly because of reduced output but also because of lack of adequate transportation facilities.

Lighter Fractions

Butane.—Buying interest far outrunning supply. Market tone strong.

Price Changes

Advanced

Gasoline, Oklahoma, U.S. motor, 63-66 octane, tanks, ex tax, ⅛c. per gal.

Reduced

Lubricating oil, Western Pennsylvania, neutral, 150 and 200 viscosity, 0-25 pour, tanks, 1c. per gal.

Market news that may have developed after this report was sent to press will be found on page 4.

Heptane.—Continues in brisk request.

Hexanes.—Purchasing movement is constantly expanding.

Octanes.—In active inquiry. Tone strong.

Pentanes.—Demand becoming larger daily. Prices firmly held.

Propane.—Normal users continue building up their stockpiles as military establishment also swells its takings. Supplies being steadily lowered.

Markets at Other Centers

Chicago—January 15

Butane.—Heavy call, and prices firm.

Heptane.—Good interest, and market steady.

Hexanes.—Steady activity, and prices maintained.

Octanes.—Movement good; no price change.

Pentanes.—Orders extensive; prices steady.

Propane.—Orders brisk, and quotations stiff.

San Francisco—January 15

Butane.—Active.

Propane.—Takings are large.

Tulsa—January 15

Butane.—Constantly expanding buying interest manifested by all types of consumers. Suppliers having trouble keeping pace with the demand.

Propane.—Both spot and forward delivery positions continue exceedingly strong. War industry contractors still biggest buyers, but other trades also well represented among purchasers.

Petrolatums and Waxes

Paraffin.—A brisk demand continues to be recorded for crude, semi-refined and fully refined grades. Supplies of the last-mentioned in especially scanty supply. Prices well maintained.

Petrolatums.—Business increasing in industrial and veterinarian as well as U.S.P. grades. Market tone steady. Some difficulties still being experienced in adjusting shipments to wooden barrels, and occasionally, fiber drums, which have replaced the banned steel drums.

Amorphous Waxes.—Active buying movement gaining momentum. Tone firm.

White Mineral Oils.—Buying interest expanding. Prices firmly held.

Markets at Other Centers

Chicago—January 15

Paraffin.—Call active, prices holding.

Petrolatums.—Fair inquiry, quotations steady.

White Mineral Oils.—Better interest, market quiet.

Los Angeles—January 15

Producers on the Pacific coast are capable of filling only a fraction of the demand. Market very active at all times.

—Continued on page 50

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 8

Obituaries

Edgar Palmer

Edgar Palmer, chairman of the board and former president of the New Jersey Zinc Company, died in his home in Princeton, N. J., January 8. He was sixty-two years of age.

A native of New York city, Mr. Palmer was educated at the Taft School in Watertown, Conn., and graduated from Princeton University with a B.Sc. degree in 1903 and received the degree of Electrical Engineer two years later. He became an engineering assistant at the Westinghouse Electric & Manufacturing Company in Pittsburgh in 1905, and a year later went to Canon City, Col., as an electrical engineer with the Empire Zinc Company.

In 1909 Mr. Palmer returned East to become assistant to the general manager of the New Jersey Zinc Company. Within six months he had been made assistant to the president and the next year served for a time as acting president. After serving as vice-president until 1912 he was named president and held that position for fifteen years before relinquishing that post.

A widely known philanthropist, Mr. Palmer, who was a trustee of Princeton University, gave to the university Palmer Stadium in the memory of his father, the late Stephen S. Palmer. Erected in 1914, it seats 55,000 football spectators. His father, also a trustee of the university, had donated Palmer Physical Laboratory.

In 1937, Edgar Palmer presented Palmer Hall to Stevens Institute of Technology, Hoboken, N. J., and seven years ago guided a $4,500,000 project under which the heart of the business section in Princeton was remodeled.

Surviving is his wife and a daughter.

W. R. Francisco

W. R. Francisco, executive vice-president of Deep Rock Oil Corporation, and associated with its management for nearly a quarter of a century, died January 11 of a heart attack while in his office in Tulsa, Okla. He was fifty-three years of age.

H. H. Horton

Hugh Hill Horton, president and treasurer of the Strother Drug Company, Lynchburg, Va., died January 9. He was sixty-eight years of age. He had been associated with the Strother firm for forty-four years and had been president for ten years.

John Macras Low, general superintendent of the Virginia-Carolina Chemical Corporation's manufacturing department, died January 13 at his home in Richmond, Va. He was 48 years of age.

John Andrew Patton, retired former vice-president and general manager of the New Domain Oil & Gas Company, died at his home in Lexington, Ky., recently. He was seventy-four years of age.

Dr. Henry Mace Payne, mining engineer and industrialists, died in Los Angeles, January 7. He was sixty-five years of age.

72d—OPD—Year

Shell Oil Names Taylor, Bloemgarten Vice-President

J. F. M. Taylor and H. Bloemgarten have been made vice-presidents of the Shell Oil Company, Inc., east of the Rockies. Mr. Taylor as vice-president of manufacturing succeeds E. D. Cumming, who has been granted an indefinite leave of absence and was recently appointed director of refining under the Petroleum Administrator for War. Mr. Bloemgarten, who for the past year has been special assistant to the president in exploration and production operations, will continue to deal with this phase of the business in his new capacity.

72d—OPD—Year

Felton Chemical Expands

Felton Chemical Company has purchased a sizable piece of property adjacent to their plant in Brooklyn. The new property has a frontage on Johnson avenue of 125 feet and is 200 feet deep. There are several brick and concrete buildings which are being used for manufacturing purposes and a large yard for the storage of materials in drums.

Velsicol Resin Manager

Milton J. Drake has been named manager of the resin department and supervisor of technical sales for the Velsicol Corporation, manufacturer of synthetic resins, aromatic naphthas, core oils, synthetic insecticides and other petroleum chemicals and derivatives. Mr. Drake will establish a separate laboratory at the company's Chicago headquarters and will work largely on problems of the paint, varnish and lacquer field. The manufacturing plant is in Marshall, Ill.

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Petroleum Products

—Continued from page 49

Fuels and Lubricants

Fuel Oil.—It has become apparent within the past week that the refiners are doing everything possible to meet the demand for fuel oil in the rationed Atlantic seaboard States. Although crude oil runs to stills for the past week were less than those of a year ago by around 200,000 barrels, the production of light fuel oil has been 450,000 barrels greater and that of heavy oil 461,000 barrels more than for the similar period of 1942. But stocks of light grade oil have been greatly reduced. A survey undertaken at the direction of Governor Dewey indicates that, except in isolated spots, little difficulty has been experienced in obtaining fuel oil for holders of coupons in New York State.

Gasoline.—Due to the continued banning of non-essential driving and an increase in the output of 2,530,000 barrels within the past week, stocks have increased 1,825,000 barrels, indicating that the rationing of this product has reduced consumption sharply. In the Oklahoma-Texas area, refiners have marked up the price of U. S. motor, 63-66 octane, in tanks, ex tax, to the extent of an eighth cent per gallon to 5.4 to 5.5 cents per gallon.

Kerosene.—To encourage larger shipments of kerosene into the North Atlantic States, while employing fewer tankcars for that purpose, the Department of Commerce has arranged for payment of a subsidy by the Defense Supplies Corporaion, a subsidiary of the Reconstruction Corporation, on shipments of kerosene in drums, in place of tankcars. A similar subsidy has been paid for many months past on the movement of several petroleum products in tankcars, in view of the fact that this more expensive method of transportating them became necessary because of the ruinous attacks of enemy submarine craft on coastal tank ships.

Lubricating Oil.—Keen competition among some refiners in western Pennsylvania has brought about a concession of a cent per gallon in prices of neutral oil, of both 150 and 200 viscosities and 25 pour, in tanks. Revised prices are 21 to 24 cents for 150, and 23 to 26 cents for 200 viscosity.

Dow Chemical Gets Two 'E' Flags

Two army-navy "E" awards for production excellence were awarded recently the Dow Chemical Company, in a presentation at Midland, Mich. Here are Major General William N. Porter, chief of Chemical Warfare Service; James W. Driver, Dow personnel director; Capt. C. D. Swain, naval inspector of ordnance, and Dr. Willard H. Dow, president. General Porter complimented Dow employees for "in some instances doubling the designated capacities of your plants."

AMA Buys Soybean Oil

OPD Washington Bureau

The Agricultural Marketing Administration announced January 14 that it had purchased 4,500,000 pounds of edible soybean oil under the offer to buy 20,000,000 pounds made last week. The prices ranged from 13.0125 to 13.77 cents per pound.

No further details on the purchase were available nor were the results ready for publication on its other offer to buy 1,000,000 pounds of vegetable salad oils on which bids were opened January 7, or on its offer to buy 20,000,000 pounds of cottonseed oil and edible linseed oil on which bids were opened January 9.

AMA was to buy a total of 5,281,000 pounds of oleomargarin later in the week. It announced that it was in the market for purchase of the following products for which bids would be opened this week:—

Vinegar, 25,300 gallons in 12 or 24-ounce bottles; bids returnable by January 22 and awards to be made by January 28.

Edible cornstarch, 270,080 pounds; bids returnable January 18 and awards to be made January 21.

Edible Oil Industry Problems Studied

OPD Washington Bureau

Three new sub-committees have been appointed at a meeting of the Edible Oil Refining Industry Advisory Committee. Subjects to be studied by the new committees include methods for supplying shortenings and oils for off-shore American territories and Alaska; means of acquiring oils from the various refineries for lend-lease and government reserves; and the advisability of increasing animal fat production by closer trimming of meat.

72d—OPD—Year

Curtis Made Director Of Carver Foundation

Austin W. Curtis, jr., for eight years assistant to the late George Washington Carver, will succeed him at Tuskegee Institute, Tuskegee, Ala. A graduate of Cornell University in 1932, Mr. Curtis will become director of the Geo--e Washington Carver Foundation.

Superphosphate to Be Repriced for Mixers

Following up its recent action in advancing consumers' and dealers' prices for superphosphate, to levels varying according to State zones, the Food Price Division of the Office of Price Administration announced January 13 that it is now desirous of establishing a uniform price ceiling for this material for sale in bulk to fertilizer manufacturers and mixers.

In a trial price schedule, this bureau proposes that the new ceiling prices for run-of-pile superphosphate, containing 10 percent phosphoric acid to processors may be 62½ cents per unit, f.o.b. Baltimore; 61½ cents, f.o.b. Norfolk; 58½ cents, f.o.b. Wilmington, N. C., and 56 cents, f.o.b. Charleston, S. C., together with similar prices at all other base points, with cost of transportation added. Present prices for this same grade, based on the highs of last March range from 60 cents to 64 cents per unit, f.o.b. Baltimore.

Ample opportunity is to be given fertilizer manufacturers and mixers to express their opinions and suggest changes in the proposed new price schedule for superphosphate, both before and at a meeting which OPA has called for January 18, to be held in Room 4109, Federal building No. 1, at Second and B streets, S. W., Washington, D. C.

72d—OPD—Year

Plastic Society Canadian Meeting Jan. 19

"Plastics at War" will be the theme of an international plastics meeting to be sponsored by the Canadian Section of the Society of the Plastics Industry at the Royal York hotel, Toronto, Ont., January 19. The agenda includes speakers on the various phases of plastics applications and manufacturing technique, while representatives of the military and government are also scheduled to appear.

72d—OPD—Year

Barrett to Get Army-Navy 'E'

The Frankford plant of the Barrett division of the Allied Chemical & Dye Corporation, this city, has been selected for the Army-Navy production award.

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Fertilizer Materials

More Generous Dishing Out of Chemical Nitrogenates for Fertilizers Now Helping Mixers to Round Out Their Compounds —Superphosphate to Be Repriced for Mixers

Partial compensation for their loss of oilseed meals as a source of nitrogen for the rounding out of their compounds or "grades," has been afforded fertilizer mixers within the past week by more liberal allocations of sulphate of ammonia, urea and Chilean nitrates by the War Production Board and more extensive offerings of cyanamid by the manufacturers of that air-fixation process commodity. From the larger quantities of these chemical nitrogenous products thus placed at their disposal the manufacturers of fertilizer mixtures are now able to obtain considerable nitrogen for their output of the "grades" at the outset of the tobacco-cotton crops' fertilizing season in the Southernmost Atlantic coast and Gulf states.

As a sequel to OPA's recent advancing of the consumers' price for superphosphate an average of $1 per ton, that bureau now proposes the establishment of a uniform ceiling for this material when sold by producers to fertilizer manufacturers and mixers. A meeting has been called to consider its proposal in Washington, January 18.

Moreover, some modification of the recently imposed ban of the Commodity Credit Corporation on the use of oilseed meals in mixed fertilizers is being sought and may be granted by the Department of Agriculture in the form of a special authorization for the use of some of these meals in making fertilizer compounds for a few Southern sectors, especially Florida, where the need for these organic nitrogenates is very urgent at this time.

Nitrogenates

Castor Pomace.—Shortage of beans until recently left market devoid of meal. However, arrivals of beans from Brazil within the past week have been fairly sizable, aggregating 70,396 bags, weighing 10,560,300 pounds.

Cyanamid.—Much more liberal offerings now being made by manufacturers to fertilizer interests.

Dried Blood.—Market bare, both in Chicago and New York, insofar as fertilizer industry is concerned. Livestock feed makers snapping up all that packers themselves are not withholding for their own uses.

Fish Meal.—Scarcely enough menhaden scrap available to fill outstanding contracts. No meal in sight.

Hoofmeal.—Supply situation continues tight. But some concessions of 10 cents per unit-ton have lately been made by a few holders to $4.40 basis.

Nitrate of Soda.—Additional allocations being made to fertilizer industry. Ready market assured on Pacific coast for tentatively proffered lot of 4,000 tons of ammonium nitrate at Canadian sources, the moment satisfactory freight rate is arranged.

Sulphate of Ammonia.—Bulk of domestic output now going to fertilizers with only small amount moving into industrial uses and lend-lease channels. Estimates on by-product coke-oven operations for week ended January 9 indicate production of 38,008,480 pounds from that source.

Tankage.—Same situation prevails as in dried blood.

Urea.—Additional allocations of fertilizer compound being made to fertilizer interests.

Potashes

Consumers desirous of obtaining more than they originally contracted for are being compelled to fill additional requirements by having recourse to resale market, as domestic producers have sold their output up to March and there is no foreign material available.

Fertilizer Tag Sales in 1942

	Equivalent tons		
	1942	1941	1940
Virginia	420,668	390,377	393,069
N. Carolina	1,243,612	1,150,343	1,076,730
S. Carolina	698,704	729,447	685,310
Georgia	852,765	806,326	762,725
Florida	650,577	654,664	568,671
Alabama	674,150	581,500	575,900
Mississippi	377,082	368,667	319,508
Tennessee	174,298	141,461	147,311
Arkansas	140,458	123,975	101,000
Louisiana	173,241	182,010	156,775
Texas	133,974	142,666	118,199
Oklahoma	8,752	12,950	7,363
Total South	5,448,281	5,293,386	4,912,561
Indiana	436,679	340,161	302,750
Illinois	82,526	63,004	51,748
Kentucky	146,420	121,976	123,102
Missouri	70,937	86,964	87,577
Kansas	11,415	19,186	17,931
Total Midwest.	747,977	631,291	583,108
Grand total	6,196,258	5,924,677	5,495,669

Price Changes

Advanced

None

Reduced

Hoofmeal, 17-18 percent ammonia, bulk, f.o.b. Chicago, 10c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.0

Market news that may have developed after this report was sent to press will be found on page 4.

Phosphates

Bone Materials. — Both raw bones and steamed meal scarce. Demand active but unsatisfied.

Cottonseed Hull Ash.—In brisk request but light supply.

Phosphate Rock.—Florida land pebble and Tennessee brown rock continue to move steadily.

Superphosphate. — Although production trend has been upward since January, 1941, the rate of amplification recently has been less pronounced than in the earlier months of 1942. Output for last November is reported by Census Bureau to have increased 4.2 percent over October's record to 467,520 tons.

OPA proposes to establish a uniform price ceiling on this material for sale in bulk to fertilizer manufacturers and mixers on a basis of 62½ cents per unit for run-of-pile, 10 percent a.p.a., f.o.b. Baltimore. This proposal will be considered at a meeting called for January 18 in Washington, D. C.

Sulphur and Pyrites

Current output and reserves of crude sulphur continue adequate. Spanish pyrites not yet available here.

Markets at Other Centers

Atlanta—Jan. 8

Consumer prices for mixed fertilizers and superphosphates have been authorized, granting increases to cover extra cost of transportation, bags and organic ammoniates with some grades advancing a dollar a ton.

Supplies of phosphates and potash are equalling the demand with prices in line with schedules. The limited supply of domestic nitrogenous material turned out at Chemical, Ill., is being allocated to old customers in the South.

Baltimore—January 15

Fish Scrap.—Though some of the boats of menhaden fishing companies located on the coast of North Carolina are still operating, work is practically suspended, since weather conditions have been unfavorable, so that catches have remained very limited. Moreover, such fish as have been caught were small and poor in yield of ammoniate and oil. The schools of large and fat fish seem to have passed out to sea or some other area not known to the fishermen, where the latter could not follow, and additions to scrap have been scarcely worth mentioning. Offers of supplies are lacking, and trading is at a standstill, with some of the companies under contract requirements.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 8

Superphosphate.—This material is still held at the ceilings which have been quoted for some time, but government officials are out with a proposal to establish a uniform ceiling on superphosphate for sale in bulk to fertilizer manufacturers and mixers. A meeting is to be held in Washington on January 18 to consider this proposal or any other suggestions that producers may care to submit. Manufacturers who make a triple grade are naming 85c. per unit.

Chicago—Jan. 15

Dried Blood. — Principal grade, unground, $5.38 per unit of ammonia.

Tankage. — Unground, feeding grade, $5.53 per unit; hoofmeal, $4.40 to $4.50; liquid stick, $2.30 to $2.50.

San Francisco, Jan. 15

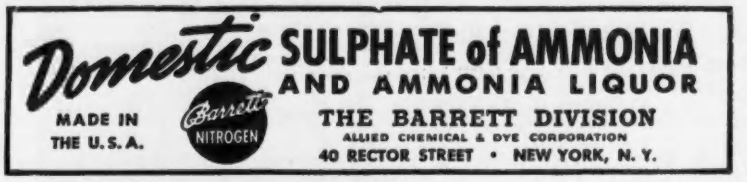
Ammonia Phosphate. — Quoted at $48 per ton for 16/20 grade, delivered inland California points.

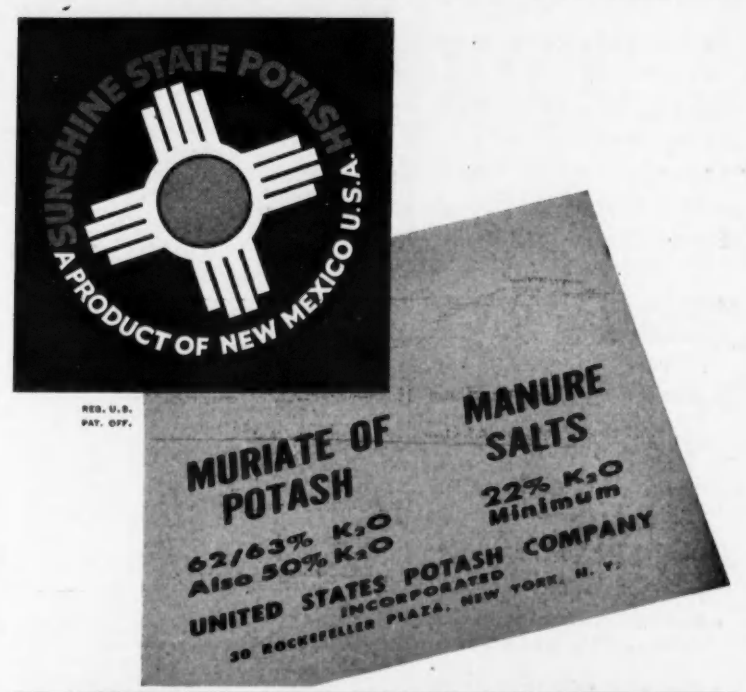
Ammonia Sulphate. — Sold subject to WPB allocation at $38 per ton; freight allowance up to $4.40 per ton.

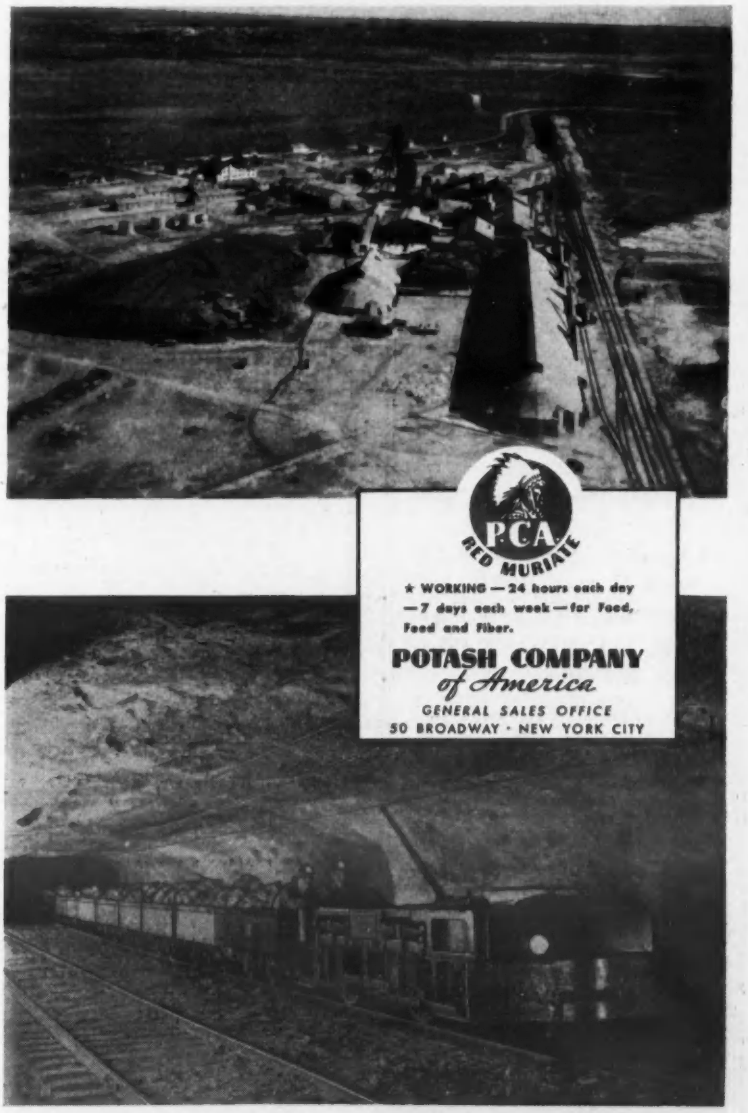
Ammonium Nitrate.—No quotations yet but 4,000 tons are waiting in Canada for shipment to California.

72d—OPD—Year

Ernst Bremermann & Co. has moved its offices to 82 Beaver street, this city.



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- 2 Louisville 6' x 35' Steam Tube Dryers
- 1 Steel Rotary Digester; 6' x 15'
- 4 15,000 gal. Steel Storage Tanks; 10' dia. x 24' long; 3/8" shell
- 6 Leiman and Beach Russ Vacuum Pumps; varying capacities
- 1 Sharples Centrifuge for Clarification of Varnish
- 1 Struthers Wells Triple Effect Evaporator
- 1 Mongul Auger Type Bag or Drum Packer
- 1 475 gal. Duriron Jacketed and Agitated Processing Kettle
- 3 Broughton Mixers; 1,000 lb. and 2,000 lb.
- 15 New and used Dry Mixers; 100 lb. to 3,000 lb.
- 1 W. & P. Unjacketed 50 gal. Heavy Duty Mixer; 1-150 gal.; 1-250 gal.
- 1 W. & P. Jacketed Vac. Type Heavy Duty Mixer; 150 gal.
- 12 Steel Jacketed 1,000 gal. Agitated Tanks or Kettles
- 2 Cast Iron Jacketed and Agitated Vacuum Pans; 3' x 5' 6"
- 4 Varnish Kettles; 1-200 gal. Copper; 2-240 gal. Alum.; 1-260 gal. Steel
- 3 300 gal. Steel, Rubber Lined Tanks
- 2 Sweetland Filters; No. 7 and No. 10
- 1 2,000 gal. Steel Jacketed and Agitated Tank
- 2 Ceramic Stoneware Tanks; 650 gal.

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FOR SALE:—Vertical roasting furnace 18 ft. inside dia., 10 hearths. Half Metal Prod. Co., 1285 W. 9th street, Long Beach, Calif.

STEEL CONTAINERS, 1,400, heavy, galvanized, with top, 2 handles. Approx. 42 in. high, 14½ in. diameter, 53 pounds weight. Diesels, generators, transformers, boilers, compressors, etc. Associated Metals & Minerals Corp., 40 Rector street, New York, N. Y.

FOR SALE:—4 ft. by 5 ft. silex lined pebble mill, 12 in. by 30 in. 3 roll water cooled, 15 gallon pony, 135 gal. post mixer with 6 cans, 2—3,000 gal. tanks. Lawler Company, Metuchen, N. J.

Equipment Wanted

WANTED:—A Denver Equipment Company mineral jig, 12 in. by 18 in., right hand, low dilution selective type with a 1 h.p. splash-proof motor, belt driven. BOX 228, Oil, Paint and Drug Reporter.

Formula Wanted

LATHER SHAVING cream:—Working formula wanted by manufacturer. Must be revised to conform to present day requirements of non-essential ingredients and to contain no glycerine or cocoanut oil. Will purchase a practical formula. If you have this information available communicate with BOX 229, Oil, Paint and Drug Reporter.

Materials Offered

PAINTERS CAPS, paperhanger aprons and all other forms of cloth advertising specialties; samples and information on request. Minnesota Specialty Co., 119 N. Fourth street, Minneapolis, Minn.

Materials Offered

MODIFIED PHENOLIC resins for sale: We offer for immediate delivery 34 barrels Reichhold's Beckacite No. 1116 and 48 barrels Reichhold's Beckacite No. 1123 holding approximately 275 lbs., and 95 drums Krumbhaar's phenolic resin No. 606 holding approximately 435 lbs. In original unopened containers. Priced at cost. For information write or wire to BOX 207, Oil, Paint and Drug Reporter.

Materials Wanted

WILL PURCHASE your surplus and discontinued chemicals, drugs, oils, waxes, dyes, solvents, etc., and will pay highest cash prices for same. Thoroughly familiar with WPB regulations. Will make immediate offer. Write fully. BOX 217, Oil, Paint and Drug Reporter.

OFFERS for export wanted of corn sugars and corn syrups. Also would like to contact reliable manufacturers of these items, and of fine chemicals, principally with a view to post-war representation. BOX 222, Oil, Paint and Drug Reporter.

—Continued on page 53

USED EQUIPMENT

Are you trying to locate any good used equipment for quick delivery?

TRY US

EMSCO EQUIPMENT COMPANY

EMIL A. SCHROTH, Owner

41 HYATT AVE. NEWARK, N. J.

NOW AVAILABLE!

COLTON 18 TABLET MACHINE, single punch.
5—**COPPER & NICKEL**, 100 & 150 gallon, jacketed kettles.
SHEET STEEL Closed Jacketed Kettle, 500 gallon.
5' x 10' Horizontal Jacketed & Agitated **STEEL** Kettle.
SIFTERS & MIXERS, 50 to 2,000 lb. capacity.
BUFLOVAK Vacuum Drum Dryer, 24"x20".
SHEET STEEL DEVINE Closed Jacketed Kettle, 1,600 gallon, agitated.
AMERICAN 20" steel Basket Extractor, AC, Explosion Proof Motor.
J. H. DAY 3 Roller Mill, 12" x 32", water cooled, silent chain drive.
SHRIVER & SPERRY 12" & 24" wood plate and frame Filter Presses.
SHRIVER Filter Press, cast iron, 24", plate and frame, O.D.
SHARPLES No. 6 Super Centrifuges, M.D.
CAST STEEL AUTOCLAVE, 550 gallon, Jacketed, Agitated.
BETHLEHEM CAST IRON Closed Jacketed Kettle, 1,500 gals.
BETHLEHEM - FREDERKING Cast Iron Kettle, 2,000 gallons.
VALLEY IRON CAST IRON AUTOCLAVE, 350 gallon, with horseshoe agitator.

List Your Surplus With Us!

MACHINERY & EQUIPMENT CORPORATION

59 E. 4th Street, New York City

TIME is a WAR ESSENTIAL

Save Time — Get Your Equipment NOW from

"CONSOLIDATED"

2—All Copper EVAPORATORS: 1 Badger triple 450 sq. ft. per effect, complete; 1—Standard triple 350 sq. ft. per effect, complete.
17—RUBBER LINED Rectangular TANKS. 1—220 gal., 2—1,000 gal., 2—650 gal., 9—500 gal., 2—200 gal., 1—150 gal.
1—P. & S. 9—truck ATMOSPHERIC DRYER, 1,562 sq. ft. tray surface.
2—Rotary VACUUM DRUM DRYERS: 1—Buffalo 48" x 40" Single Bronze Drum; 1—Devine 3' x 5' Double Bronze Drum.
7—ROTARY VACUUM DRYERS: 1—Buffalo, 5' x 30'; 5—Devine 4' x 25'; 1—Devine, 4' x 30'.
3—ATMOSPHERIC DRUM DRYERS: 2—Ance 4' x 9', single drum; 1—4' x 8'.
50—25 gal. MONEL open TANKS; 12—45 gal.
1—20 gal. MONEL KETTLE, electrically heated.
2—36" x 84" Double Drum ATMOSPHERIC DRYERS (new).
4—ALUMINUM JACKETED KETTLES, 1—60 gal., 2—40 gal., 1—20 gal.
1—300 gal. PFAUDLER WATER JACKETED KETTLE, side md. agitators; 1—125 gal.
4—300 gal. COPPER CLOSED TIN-COATED TANKS.
35—CENTRIFUGAL EXTRACTORS, 12" to 72" bronze and steel baskets, belt and motor drives.
8—PEBBLE MILLS: 1—Patterson, 6' x 7', Silex Lined; 32" x 42" rubber lined; other sizes.
6—3-ROLLER MILLS, up to 16 x 40.
8—4,000 lbs., 2,000 lbs., 1,000 lbs., 500 lbs., DRY POWDER MIXERS; other sizes.
2—W. & P. MIXERS, size 21-X-BB Jacketed, 625 gal.; 1—size 15, 100 gal. jacketed; 1—size 14, 50 gal. Jacketed; other sizes.
4—4' x 6' Iron OLIVER CONTINUOUS FILTERS; 1—3' x 28" wood stave.

LIQUIDATING

Former

LION BREWERY

108th St. and Columbus Ave. New York, N. Y.

32—Horizontal 10' dia. x 23' long, WOOD TANKS, 3" staves, 14,000 gals.

Miscellaneous: Brew and Bottling Equipment, 8,000 gal. Jacketed, Agitated Kettles, Boilers, Pumps, Keg Equipment, Rubber Tubing, Tons of Pipe, Valves and Fittings.

SEND FOR PRINTED CIRCULAR
ARRANGE TO INSPECT—
REPRESENTATIVE ON PREMISES

1—PNEUMATIC SCALE PACKAGING UNIT.
1—Zaremba dbl. effect EVAPORATOR, steel tubes, 660 sq. ft. per effect.
1—No. 9 SWEETLAND FILTER, 42 leaves, on 2½" c.c.
2—General Ceramics 48' dia. x 15' Stoneware TOWERS.
1—14' dia. WEDGE FURNACE, 7—hearth, complete.
1—Sperry 42" x 42" CAST IRON FILTER PRESS, plate-frame, 55 chambers; 1—Shriver 36" x 36", washing 60 chambers; 20 others, 30" x 30" to laboratory sizes.
9—HEAT EXCHANGERS, Ahlberger; 50, 100, 300, 440 sq. ft. heating surface; other smaller sizes.
2—Cresson Morris 48" Copper basket, direct m.d. CENTRIFUGALS, ball bearing.
5—RAYMOND PULVERIZERS; 5—Roll High Side; No. 1 Beater Type; No. 0000.
3—Vilter AMMONIA COMPRESSORS, twin horiz. 250 tons cash, direct m.d. to West. 500 HP synchr. Motors, 3-60-440 V.
1—Vilter AMMONIA COMPRESSOR, 40 tons, m.d. with 100 HP 3-60-440 V.
2—Direct Heat Rotary DRYERS; 1—6' x 24' Iroquois and 1—3' x 30' Iroquois, ½" shells.

WANTED: Idle Machines

Single Items or Complete Plants. You can help War Production by sending us your list.

Send for "Consolidated News" listing complete stock

We Buy and Sell From a Single Item to a Complete Plant

FOR 25 YEARS A SYMBOL OF CONFIDENCE

CONSOLIDATED PRODUCTS CO., INC.

13-18 Park Row
New York

Shops: 335 Doremus Avenue
Newark, N. J.

Business Wants and Offers

—Continued from page 52

Merger Offered

WILL MERGE small dry color manufacturing business with similar reputable concern in metropolitan area. Have excellent sales contacts. BOX 216, Oil, Paint and Drug Reporter.

TANKS

23 Steel Oil Storage 5,000 — 8,000 — 11,500 and 20,000 Gal. Cap.
2—10,500 bbl. capacity field tanks.
9 Cyprus 3,800 gal. 9 ft. dia. 8 ft. high.

TANKS ON TOWERS

100,000 gal. Steel 40' Tower
75,000 gal. Steel 80' Tower
35,000 gal. Steel 90' Tower
25,000 gal. Steel 80' Tower
1—100,000 gallon Steel 82' Tower
1—40,000 gallon Steel 100' Tower

R. C. STANHOPE, Inc.
60 EAST 42nd ST., NEW YORK, N.Y.

FOR SALE!

DRYERS—KILNS—FURNACES

1—Buffalo Vacuum Drum, 24"x20".
3—Atmospheric Double Drum, 3'x8', 4'x9'.
2—Atmospheric Single Drum, 4'x8'.
7—Rotary, 3'x18', 3'x30', 4'x30', 5'x35', 6'x65', 6'x100'.
1—Rotary Indirect, 6'x45', monel lined.
2—Hersey Rotary Indirect, 5'x25', 6'x25'.
1—P. & S. Atmospheric Tray.
4—Herreshoff, Wedge, U. S. Furnaces.
3—Rotary Kilns 6'6"x100'.
2—Rotary Kilns 10'x125'.

KETTLES—PANS—AUTOCLAVES

1—Duriron 15 gal., agitated Reaction Kettle.
3—175 gal. Pfaudler Glass Lined, Jcktd.
1—Buflovak Impregnating Kettle, 42"x60".
5—Copper Vacuum Pans 2', 2'6", 7' dias.
25—Copper Jcktd. Kettles, 10 to 300 gals.
9—Steel Jcktd. Kettles, 50 to 2000 gal., agitated.
4—Autoclaves 5, 25, 85, 150 gals.
1—Stainless Steel, 46"x30".

CENTRIFUGALS

1—Weston 40" Suspended, with 40 HP AC motor.
3—Tolhurst 40" Suspended, with 15 HP AC motors.
5—Tolhurst 32", 40", 48", self-balancing type.
6—Sharples No. 6.
4—DeLaval Nos. 200, 300, 600, 700.

MIXERS

2—Day No. 30 Imperial, Jcktd., 75 gal. working capacity.
2—Day Hercules, 5 bbl., motor driven.
5—Change Can, 8 to 40 gal.
1—Day Universal, Jcktd., 265 gal.
20—Day Powder Mixers, 25 to 2000 lb.

FILTERS

1—Shriver 24"x24" Jcktd., cast iron, 30 chambers.
1—Sperry 32"x32", cast iron, closed delivery, 26 chambers.
1—Sperry 36"x36", cast iron, 48 chambers.
2—Oliver United 36"x36", cast iron, 41 chambers.
10—Shriver Skeletons, 12" to 36" square.
8—Kilby 30"x30", cast iron, 38 chambers.
5—Oliver Rotary 3'x2', 6'x4', 12'x8'.
3—Sweetland Filters, Nos. 5, 7, 10.

PULVERIZERS—GRINDERS

1—No. 1 Raymond Mill, motor driven.
7—200 gal. Pebble Mills, 4½'x3½'.
8—Rubber Lined Pebble Mills, 24"x36", 36"x36", 75 to 100 gal.
15—Abbe, Patterson Pebble Mills, Lab. to 200 gal.
6—Day, Ross Roller Mills, 5"x12", 9"x24", 12"x32", 16"x40".
3—Raymond Roller Mills, 2, 4, 5 rolls.
3—Raymond Pulverizers, Nos. 0000, 00, 3.
1—Mikro Pulverizer, 24".
5—Hardinge Ball Mills, 3' to 8' dias.
1—Robinson 26" Attrition Mill with 2—20 HP AC motors.
6—U. S., Premier, Charlotte Colloid Mills, ½ to 100 HP.
15—Hammer Mills, Williams, Jaybee, etc.

TANKS

1—350 gal. Rubber Lined.
3—Lead Lined, 1700 gal.
1—Lead Lined, 1700 gal., with agitator and motor.
2—20'x20', open top.
3—Copper, 2000, 2500 gal.
10—Glass Lined, 50 to 1000 gal.
19—Steel, 3500 to 12,000 gal.

MISCELLANEOUS

5—Rotex, Tyler Screens.
6—Vertical Juice Heaters, 500 sq. ft.
1—Single Effect Vertical Evaporator, 3300 sq. ft.
2—Glens Falls Sulphur Burners.
40—Pumps, Centrifugal, Rotary.
3—Duriron, Olivite Lead Acid Pumps.
1—Badger 1000 gal. Copper Still.
30—Lead Valves, 2" to 3".

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BRILL Equipment Co.
183 VARICK STREET NEW YORK

Positions Vacant

ESTABLISHED LABORATORY, located in the south, wants experienced tablet man capable of taking charge of department. State age, experience, references, salary expected. Answer confidential. BOX 223, Oil, Paint and Drug Reporter.

VARNISH MAKER wanted, experienced. Phone for appointment, EVergreen 9,3600. Camel Color & Chemical, 278 Green street, Brooklyn, N. Y.

TECHNICAL SALES engineer wanted with knowledge of water and sewage purification problems. Must also have complete technical and practical training in application and use of agricultural insecticides and fungicides. Coverage, 5 eastern states. Write, giving age, draft status, experience and salary expected. BOX 226, Oil, Paint and Drug Reporter.

ESTABLISHED MANUFACTURER of coated and oiled fabrics located in New York City, working principally on war orders offers excellent opportunity to manufacturing expert in this field, technically trained preferred, but not essential although familiarity with modern coating materials is important. BOX 227, Oil, Paint and Drug Reporter.

WANTED:—Man to supervise packing, sub-dividing and labeling department in chemical plant in Metropolitan New York. Must be experienced in packaging of chemicals for food and drug trade. Draft deferred. Write, giving full particulars, experience and salary desired. BOX 230, Oil, Paint and Drug Reporter.

Positions Wanted

MANUFACTURER of unique synthetic paint oil for making high grade enamels, etc. Exceptionally high gloss very easy brushing; slow setting, and very low cost. Desire connection with small paint company. BOX 224, Oil, Paint and Drug Reporter.

EXECUTIVE, familiar with general purchasing and bulk selling for large chemical interests open for position with manufacturer needing man with wide and diversified experience in the industrial chemical business. BOX 225, Oil, Paint and Drug Reporter.

LOCATED PHILADELPHIA, PA.

COMPLETE BUCKEYE OIL PRESSING UNIT

1—BUCKEYE 15 BOX HYDRAULIC OIL PRESSES, 18" RAM, 24" STROKE, 4,000 LBS. P.S.I.
1—BUCKEYE HYDRAULIC 4 PLUNGER HORIZ. HIGH AND LOW PRESSURE PUMP.
1—PAIR (2) BUCKEYE TANK TYPE ACCUMULATORS, HIGH AND LOW PRESSURE.
1—LOT HIGH PRESSURE PIPING WITH VALVES AND FITTINGS.
1—CAKE FORMER AND MIXER.
1—NO. 2½ EUREKA VERT. BREAKER.
5—DOUBLE STAND STEEL 4 ROLLER MILLS, 7"x18", 7½"x20", AND 7½"x30" Rolls.
1—NO. 21 BUFFALO CHOPPER.
5—SHRIVER IRON FILTER PRESSES.
5—JOHNSON IRON FILTER PRESSES.
1—WELDED STEEL STORAGE TANK.
1—SCHUTZ-O'NEILL 20" PULVERIZING MILL WITH COLLECTOR.
1—STANDARD AUTOMATIC CAPPER.

WRITE FOR BULLETIN L 19

1—Badger 42" Monel Alcohol Column.
1—W. & P. 150 gal. Jack. Mixer, Size 16.
1—Read Type Double Arm Mixer, 75 gal.
1—Faust 150 gal. Jack. Double Spiral Mixer.
1—3 Roll High Side Raymond Mill.
2—5 Roll W.C. 16"x40" Steel Roller Mills.
1—Allbright-Nell Atmos. Drum Dryer, 3'x8'.
1—Devine 4'x30' Rotary Vacuum Dryer
43—Stainless Steel Filter Press Plates, 24"x24".
6—4,000 gal. Vert. Acid Proof Tanks.
2—Sweetland Filters, Nos. 5 and 8.
1—No. 2 Mikro Pulverizer
1—No. 4 Mikro Pulverizer.
12—Iron and Wood Filter Presses, 18" to 36"
1—No. 2 Oliver Duplex Vac. Pump, 14"x8".
1—Pennsylvania Vac. Pump, 14"x5".
2—Worthington 12"x12"x12" Vac Pumps.
1—Beach-Russ No. 6 Compound Vac. Pump.
1—Creamery Pkge. Mfg. Co. Homogenizer, motor driven, approx. 400 gals. per hr.
1—De Laval No. 301 Multiple Clarifier, M.D.
5—Ross 8, 15 and 40 gal. Pony Mixers.
4—Ross 3 Roll Mills, 12"x30" and 16"x40".
10—Pebble and Jar Mills, Lab. to 750 gals.
2—Tolhurst Centrifugals, 32" and 40".
10—Stone Mills, 10" to 32"
8—Lead and Paste Mixers, 50 to 135 gals
6—Powder Mixers, 100 lbs. to 3,500 lbs.
6—Horiz. and Vert. Mixers, up to 500 gals.
18—Glass Lined & Steel Tanks to 10,000 gals.
6—Vert. Jack. Kettles, up to 500 gals.
20—Copper Jack. Kettles, up to 150 gals.
1—Schutz-O'Neill No. 1 Sugar Pulverizer.
1—Jeffrey 24"x 18" Type A Hammer Mill
3—Single and Double Roll Spike Crushers.
2—No. 0 and No. 1 Raymond Mills
6—Williams & Jay Bee Hammer Mills.
1—Bauer 22" Attrition Mill.
1—Stedman 42" Ball-Bearing Disintegrator.
15—Electric Agitators, ¼ to 10 H.P.
20—Rotary, Centrifugal and Vacuum Pumps.
6—Liquid, Paste and Powder Fillers.

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STEIN EQUIPMENT CORPORATION
Department E
426 BROOME ST., NEW YORK CITY

AUCTION **AT AUCTION** **AUCTION**

MACHINERY, EQUIPMENT, CHEMICALS AND SUPPLIES

OF

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(Recently merged with Wm. Amer Co.)

TANNERY

36th and REED STREETS
PHILADELPHIA, PA.

WILL BE SOLD IN SEPARATE LOTS

Tuesday and Wednesday
JANUARY 26 and 27, 1943

At 10 A.M. Each Day on the Premises

The sale comprises: 2 Standard Model CPH1 300-ton Hydraulic Goat Skin Plating Presses, Chromium Plates; Krause Type CPH2 D. R. P. 600-ton Oil Hydraulic Goat Skin Press Chromium; Rood & Vaughn Shaving Machines; Baker Stamping Presses; Roth & Powers Glazing Machine; Proctor & Schwartz 8' Continuous Skin Dryer; Roth, Hall Paddle Wheels; Color Drums; 10 Turner Putting Out Machines; 6 Russian Bristle Cylinders; Conveyors; Automatic Conveyor Sprayer; 42 Slocomb Staking Machines; Turning Machine; Aulson Buffing Machine; Ironers; Wash Reels, 9 Hall Puer Crescents; Milling Drums; Lime Drums; Unhairing Machine, Seasoning Machine, Sprayer and Dryers; Jensen Washer; Poland 20" Extractor; Paste Mixers; Wallace & Tierney Type M. S. V. Chlorinator complete; Cedar Tanks; Steel Air Receivers; Copper Steam Jacketed Kettles; Spray Booths; Blowers; Worthington Pumps; Air Compressor; Fuel Oil Pump; Sirrocco No. 3 Unit Heater Type 30F, Exhaust Fans; Drying Units; Woodworking Machinery; Davis 20" Drill Press; 23-Spindle Double-End Grinder; Fairbanks 18" x 12' Back Geared Engine Lathe; National No. 856 Power Pipe Threading and Cutting Machine; Power Hack Saw; Curtis Pipe Threader; Roll Grinder and Leveler; Repair Parts; Small Tools; Chain Blocks; Chain Hoist, Forge and Blacksmith Tools; Baler; Glass Top Tables, Trestles, Leather Horses on Casters, Giessen Analytical Balance, Chemical Glassware, Agitators, Welding Outfit, Electric Drills, Weston Volt and Ammeters, Vises, Twist Drills, Taps, Dryer Stick Trucks, Lift Truck, Revolvator, Platform Box and Barrel Trucks; Auto Truck Scale, Auto Call System, Howe, Fairbanks and Troemner Scales; 96 G. E., Westinghouse, Diehl, Crocker-Wheeler and Wagner Motors, ¼ to 65 H. P.; Large lot of Supplies, Copper & Wrought Iron Pipe & Fittings, Shafting & Belting, etc., Large lot of Office Furniture and Equipment; Steel Lockers, etc.

Sold Subject to All Applicable O.P.A. and W.P.B. Rulings

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What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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Four-hundred-forty-third Instalment

Rubber

Vulcanization Accelerators for Rubber

(Continued from January 4 issue)

Polychlor ketones reaction products with (continued)—
- (5) Di-N-butyldithiocarbamic acid
- (6) Dicyclohexyldithiocarbamic acid
- (7) Diethyldithiocarbamic acid
- (8) Dihexyldithiocarbamic acid
- (9) Di-isopropyldithiocarbamic acid
- (10) Dithio acids and their derivatives
- (11) Dithioacetic acid
- (12) Dithioacrylic acid
- (13) Dithiobenzoic acid
- (14) Dithiocarbamic acid
- (15) Dithiocrotonic acid
- (16) Dithiofuroic acid
- (17) Dithiolauric acid
- (18) Dithio-oleic acid
- (19) Ethyldithiocarbamic acid
- (20) Ethylxanthogenic acid
- (21) Methylphenyldithiocarbamic acid
- (22) Methylxanthogenic acid
- (23) Orthoaminodithiobenzoic acid
- (24) Pentamethylenedithiocarbamic acid
- (25) Tetrahydroalphafurfurylcyclohexyldithiocarbamic acid
- (26) Xanthogenic acids

Polyhalogen ketones reaction products with—
- (1) Amylxanthogenic acids
- (2) Cyclohexyldithiocarbamic acid
- (3) Diallyldithiocarbamic acid
- (4) Dibenzyldithiocarbamic acid
- (5) Di-N-butyldithiocarbamic acid
- (6) Dicyclohexyldithiocarbamic acid
- (7) Diethyldithiocarbamic acid
- (8) Dihexyldithiocarbamic acid
- (9) Di-isopropyldithiocarbamic acid
- (10) Dithio acids and their derivatives
- (11) Dithioacetic acid
- (12) Dithioacrylic acid
- (13) Dithiobenzoic acid
- (14) Dithiocarbamic acid
- (15) Dithiocrotonic acid
- (16) Dithiofuroic acid
- (17) Dithiolauric acid
- (18) Dithio-oleic acid
- (19) Ethyldithiocarbamic acid
- (20) Ethylxanthogenic acid
- (21) Methylphenyldithiocarbamic acid
- (22) Methylxanthogenic acid
- (23) Orthoaminodithiobenzoic acid
- (24) Pentamethylenedithiocarbamic acid
- (25) Tetrahydroalphafurfurylcyclohexyldithiocarbamic acid
- (26) Xanthogenic acids

Polymercaptoquinolins

Potassium salts of 2-mercaptoselenazoles

Potassium salts of 2-selenolbenzothiazoles

Quinolin nucleus compounds in which sulphide grouping is substituted

Quinolyl aromatic thiazyl monosulphides

Quinolyl esters of dithiocarbamic acid

2-Quinolyl esters of—
- (1) Dibutylthiocarbamic acid
- (2) Diethylthiocarbamic acid
- (3) Dimethylthiocarbamic acid
- (4) Ditetrahydroalphafurfurylthiocarbamic acid
- (5) Dithiocarbamic acid

2-Selenolbenzothiazoles

2-Selenobenzothiazole reaction products with—
- (1) Aldehyde amines
- (2) Amines
- (3) Crotonylideneanilin
- (4) Diorthotolylguanidin
- (5) Ethylideneanilin
- (6) Formaldehyde
- (7) Guanidins
- (8) Hexamethylenetetramine

Selenolthiazoles

2-Selenolthiazoles metal salts

Selenolthiazoles reaction products with—
- (1) Aromatic acyl halides
- (2) Chlorinated ketones
- (3) Chlorinated organic compounds
- (4) Chlorobenzothiazole
- (5) Dichloroacetamides
- (6) Furoyl halides
- (7) Monochloroacetamides
- (8) Orthonitrochlorobenzenes
- (9) Tetrahydrofuroyl halides

Sodium-benzoselenazyl sulphide reaction products with—
- (1) Aromatic acyl halides
- (2) Chlorinated ketones
- (3) Chlorinated organic compounds
- (4) Chlorobenzothiazole
- (5) Dichloroacetamides
- (6) Furoyl halides
- (7) Monochloroacetamides
- (8) Orthonitrochlorobenzenes
- (9) Tetrahydrofuroyl halides

Sodium-benzothiazyl sulphide reaction products with—
- (1) Aromatic acyl halides
- (2) Chlorinated ketones
- (3) Chlorinated organic compounds
- (4) Chlorobenzothiazole
- (5) Dichloroacetamides
- (6) Furoyl halides
- (7) Monochloroacetamides
- (8) Orthonitrochlorobenzenes
- (9) Tetrahydrofuroyl halides

Sodium salts of 2-mercaptoselenazoles

Sodium salts of 2-selenolbenzothiazoles

Substituted mercaptoaminobenzothiazoles reaction products with—
- (1) Benzylamines
- (2) Cyclohexylamines
- (3) Primary amines

Substituted mercaptoarylthiazoles reaction products with—
- (1) Benzylamines
- (2) Cyclohexylamines
- (3) Primary amines

Substituted mercaptochlorobenzothiazoles reaction products with—
- (1) Benzylamines
- (2) Cyclohexylamines
- (3) Primary amines

Substituted mercaptomethylbenzothiazoles reaction products with—
- (1) Benzylamines
- (2) Cyclohexylamines
- (3) Primary amines

Substituted mercaptoquinolins monosulphides

Sulphur reaction products with—
- (1) 2-Alphanaphthylaminobenzothiazole
- (2) 2-Anilinobenzothiazole
- (3) 2-Cyclohexylaminobenzothiazole
- (4) 2-Diamylaminobenzothiazole
- (5) 2-Di-isopropylbenzothiazole
- (6) 2-Diphenylaminobenzothiazole
- (7) 2-Ethylaminobenzothiazole
- (8) 2-N-Heptylaminobenzothiazole
- (9) 2-Isobutylaminobenzothiazole
- (10) 2-Methylaminobenzothiazole
- (11) 2-(Orthochlorophenylamino)-benzothiazole
- (12) 2-(Orthomethoxyphenylamino)-benzothiazole
- (13) 2-(Orthotolylamino)benzothiazole
- (14) 2-(Parahydroxyphenylamino)-benzothiazole
- (15) 2-Piperidylbenzothiazole

Thialkyl mercaptoquinolins

Thialkyl mercapto-6-thiomethyllepidin

Thialkyl mercapto-7-thioethylquinolin

Thialkyl mercapto-8-thiobutyllepidin

Zinc aromatic thiozylmercaptides of the benzene and naphthalene series

Zinc aromatic thiazylmercaptide reaction products with—
- (1) Alicyclic amines
- (2) Aliphatic amines
- (3) N-Alkylphenalkyl secondary amine
- (4) Alpha furfurylamine
- (5) Amylprimary amines
- (6) Benzylamines
- (7) Betafurfurylamine
- (8) Betaphenethylamine
- (9) N-Butylamine
- (10) Decahydroalphanaphthylamine
- (11) Decahydrobetanaphthylamine
- (12) Dibutylethylenediamine, symmetrical
- (13) Diethylamine
- (14) Di-isobutylamine

(To be continued)

Botanical Drugs

Seeds

—Continued from page 46

Sunflower.—Higher. Large, 9½c. to 10c. per pound; medium, 9c. to 9½c.; poultry grade, 8½c. to 9c. Shortage in California. Lack of labor left much of crop in fields.

Spices

Allspice.—Mexican article priced at 23c. per pound, ex Laredo, Texas.

Ginger.—Impossible to work business at new crop price views in Jamaica. Shippers now ask for bids. Prices, spot, lower at 40c. to 41c. per pound for No. 1; No. 2, 35½c. to 36c.

Nutmegs.—West Indian megs bought at 32½c. per pound during week. Asking price now 35c. to 36c. No buyers.

Paprika.—Portuguese higher at 38½c. to 39c. for extra fancy; good, 37c. to 38c. No other changes.

Pepper.—Black Lampong in 50 to 100-bag lots priced at 7.05c. to 7.15c. per pound. Red peppers steady to firm. Domestic chillies main supply.

Trading in black pepper futures on the New York Produce Exchange from January 11 to January 15, inclusive, comprised nil contracts. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
March	....	....	6.63 bid
May	....	....	6.63 bid

72d—OPD—Year

So. Amer. Shipping Licenses Halted

—Continued from page 5

ability, it was thought, committees would be established in each of the countries named to schedule the import requirements of the country and licenses would be granted by the BEW for export in accordance with these schedules. This has already been done in the case of Brazil, and studies have been in progress for extending this system to other South American countries for some time.

Applications for licenses which do not fall within the three categories above mentioned which are now pending and which cannot now be approved because of the present shipping situation will be held by the Office of Exports for 60 days and reviewed in the light of the availability of shipping facilities at that time. The applicants in such cases will be notified that their applications are being held in accordance with this program.

GUMS

GUM ARABIC
GUM KARAYA
(INDIAN GUM)
GUM GHATTI
GUM SHIRAZ
GUM EGYPTIAN
GUM TRAGACANTH
LOCUST BEAN GUM
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